

Converting Colors

`RYB(180, 210, 202)`

Have a look what the booklet for
RYB(180, 210, 202) contains.

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Color

R_YB(180, 210, 202)

Conversions

Conversions Part 1

Format	Color
Hex	BCD2B4
RGB	188, 210, 180
RGB Percent	74%, 82%, 71%
CMY	0.2627, 0.1765, 0.2941
CMYK	0.10, 0.00, 0.14, 0.18
HSL	104°, 25%, 76%
HSV	104°, 14%, 82%
XYZ	52.0238, 60.0798, 52.0346
YIQ	200.0020, -3.4820, -13.9940

Conversions

Conversions Part 2

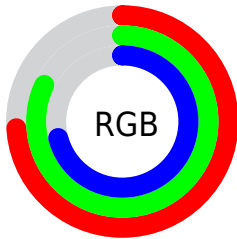
Format	Color
RYB	180, 210, 202
Decimal	12374708
CIELab	81.88, -12.90, 12.40
CIELCh	82, 17.892, 136.146
Yxy	60.0798, 0.3170, 0.3660
Android (android.graphics.Color)	4290564788 (0xFFBCD2B4)
YUV	200.0020, -9.8610, -10.5258
Hunter-Lab	77.5112, -15.8392, 14.4554

Details

The RYB color **180, 210, 202** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **202, 180, 210**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **236, 255, 247**, and **127, 156, 148** is the 20% darker color. If you saturate the color by 10%, you get **159, 210, 196**, and if you desaturate by 10%, it is **201, 210, 208**.

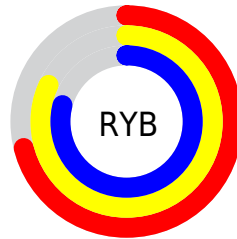
Distribution



Red (74%)

Green (82%)

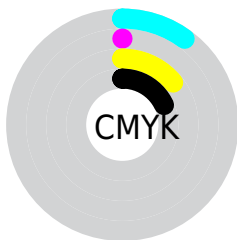
Blue (71%)



Red (71%)

Yellow (82%)

Blue (79%)

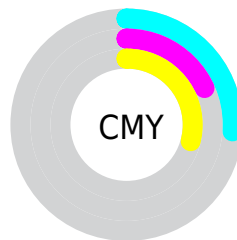


Cyan (10%)

Magenta (0%)

Yellow (14%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 210, 202 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, 202 by changing the saturation by 10% instead.

 180, 210, 202

255, 255, 255

 236, 255, 247

 180, 210, 202

 153, 182, 174

 127, 156, 148

 102, 129, 122

 78, 104, 97

 55, 80, 74

 34, 57, 52

 12, 35, 29


 0, 13, 13

 0, 0, 0

 180, 210, 202

 180, 210, 202

 159, 210, 196

 201, 210, 208

 138, 210, 191

 219, 210, 222

 117, 210, 185

 234, 210, 243

 96, 210, 180

 250, 210, 255

 75, 210, 174

 255, 210, 255

 54, 210, 168

 33, 210, 163

 12, 210, 157

 0, 210, 154

Harmonies

Analogous

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



173, 207, 171



180, 210, 202



171, 198, 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, 202



176, 196, 236



239, 192, 195

Complementary

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



180, 210, 202



202, 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.



233, 193, 212



180, 210, 202



197, 201, 236

Square

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



180, 210, 202



162, 190, 227



218, 196, 227



236, 200, 180

Rectangle

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



180, 210, 202



163, 190, 213



218, 196, 227



238, 192, 201

Sweetspot

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



180, 210, 202



245, 255, 252



191, 210, 180



121, 128, 126



0, 0, 0



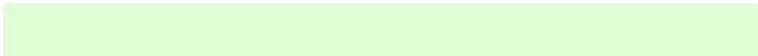
128, 128, 128

Same Dimension

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



180, 210, 202



212, 255, 244



180, 204, 210



94, 105, 102



0, 168, 123



0, 41, 30

Inverse Universe

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



202, 180, 210



243, 212, 255



210, 180, 203



102, 94, 105



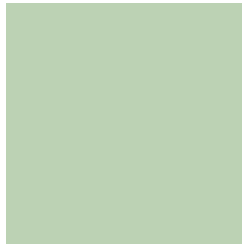
123, 0, 168



30, 0, 41

Previews

White Background



This preview shows how the RYB color 180, 210, 202 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, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

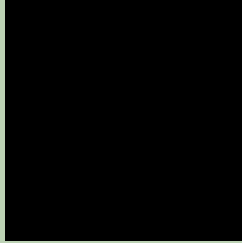
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

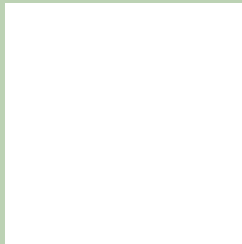
Any Text WCAG AAA ✓ Pass

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

RYB 180, 210, 202 Background



This preview shows how black text looks on a background with the RYB color 180, 210, 202.

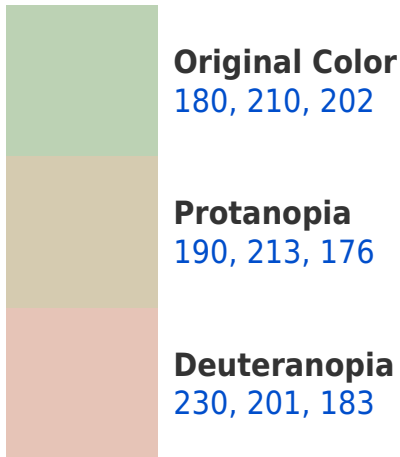


This preview shows how white text looks on a background with the RYB color 180, 210, 202.

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](#).

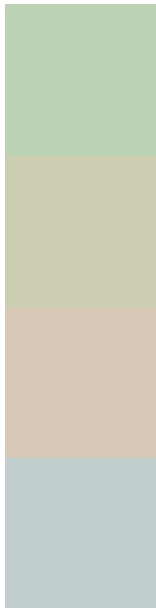
Dichromacy





Tritanopia
194, 201, 220

Trichromacy



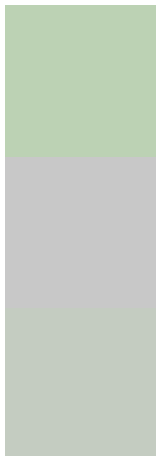
Original Color
180, 210, 202

Protanomaly
177, 206, 179

Deuteranomaly
206, 215, 182

Tritanomaly
192, 199, 206

Monochromacy



Original Color
180, 210, 202

Achromatopsia
200, 200, 200

Achromatomaly
193, 204, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 210, 202 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(188, 210, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 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(188, 210, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 210, 180) }
```

Border

The CSS property to change the border of an element to RYB 180, 210, 202 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(188, 210, 180) }
```

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

```
.border{ border-color:rgb(188, 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(188, 210, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 210, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 210, 180);  
box-shadow:4px 4px 4px 4px rgb(188, 210,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 180, 210, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 210, 180) }
```

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

```
.background{ background-color: rgb(188,  
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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