

Converting Colors

`RYB(182, 204, 201)`

Have a look what the booklet for
RYB(182, 204, 201) contains.

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Color

R_YB(182, 204, 201)

Conversions

Conversions Part 1

Format	Color
Hex	B9CCB6
RGB	185, 204, 182
RGB Percent	73%, 80%, 71%
CMY	0.2745, 0.2000, 0.2863
CMYK	0.09, 0.00, 0.11, 0.20
HSL	112°, 18%, 76%
HSV	112°, 11%, 80%
XYZ	50.0439, 56.8774, 52.5968
YIQ	195.8110, -4.2620, -10.8700

Conversions

Conversions Part 2

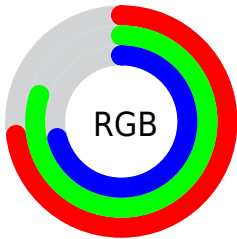
Format	Color
R _{YB}	182, 204, 201
Decimal	12176566
CIE Lab	80.11, -10.52, 8.78
CIE LCh	80, 13.707, 140.159
Yxy	56.8774, 0.3137, 0.3566
Android (android.graphics.Color)	4290366646 (0xFFB9CCB6)
YUV	195.8110, -6.8088, -9.4812
Hunter-Lab	75.4171, -13.5341, 11.4424

Details

The RYB color **182, 204, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 182, 204**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **238, 255, 252**, and **129, 150, 147** is the 20% darker color. If you saturate the color by 10%, you get **162, 204, 199**, and if you desaturate by 10%, it is **202, 204, 203**.

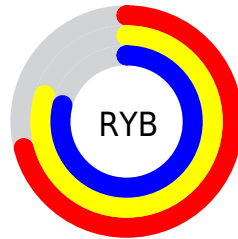
Distribution



Red (73%)

Green (80%)

Blue (71%)



Red (71%)

Yellow (80%)

Blue (79%)

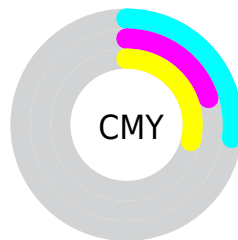


Cyan (9%)

Magenta (0%)

Yellow (11%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 204, 201 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 182, 204, 201 by changing the saturation by 10% instead.

■ 182, 204, 201

255, 255, 255

■ 238, 255, 252

■ 182, 204, 201

■ 155, 177, 174

■ 129, 150, 147

■ 104, 124, 121

■ 80, 99, 97

■ 57, 75, 73

■ 35, 52, 50

■ 14, 31, 28

■ 0, 1, 1


■ 0, 0, 0

 182, 204, 201

 182, 204, 201

 162, 204, 199

 202, 204, 203

 141, 204, 195

 220, 204, 223

 121, 204, 193

 238, 204, 243

 100, 204, 189

 255, 204, 255

 80, 204, 187

 60, 204, 185

 39, 204, 181

 19, 204, 179

 0, 204, 176

Harmonies

Analogous

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



175, 201, 176



182, 204, 201



173, 193, 206

Triad

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



182, 204, 201



180, 194, 223



226, 190, 190

Complementary

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



182, 204, 201



201, 182, 204

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.



222, 190, 203



182, 204, 201



196, 197, 223

Square

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



182, 204, 201



169, 189, 218



211, 193, 215



223, 199, 180

Rectangle

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



182, 204, 201



168, 188, 206



211, 193, 215



226, 190, 195

Sweetspot

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



182, 204, 201



247, 255, 254



185, 204, 182



122, 128, 127



0, 0, 0



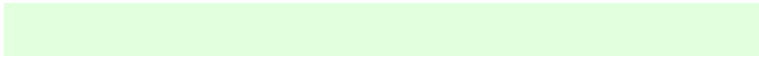
128, 128, 128

Same Dimension

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



182, 204, 201



222, 255, 251



182, 198, 204



92, 102, 101



0, 166, 143



0, 38, 33

Inverse Universe

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



201, 182, 204



250, 222, 255



204, 182, 196



101, 92, 102



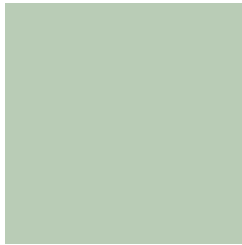
143, 0, 166



33, 0, 38

Previews

White Background



This preview shows how the RYB color 182, 204, 201 looks on a white background.

Color Contrast Check

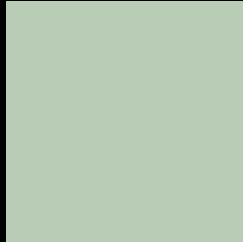
Large Text (above 18pt) WCAG AA × Fail

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 182, 204, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

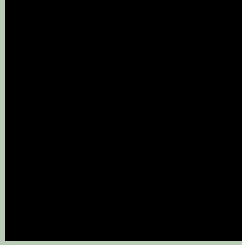
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

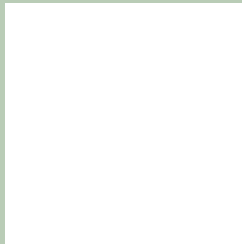
Any Text WCAG AAA ✓ Pass

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

RYB 182, 204, 201 Background



This preview shows how black text looks on a background with the RYB color 182, 204, 201.

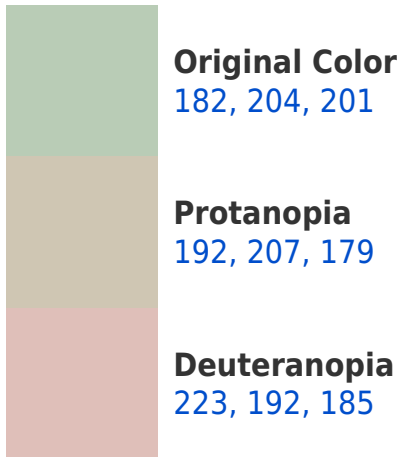


This preview shows how white text looks on a background with the RYB color 182, 204, 201.

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
190, 197, 215

Trichromacy



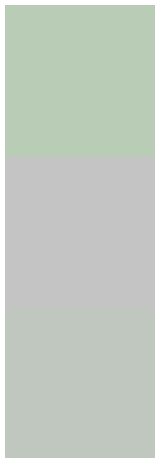
Original Color
182, 204, 201

Protanomaly
180, 200, 181

Deuteranomaly
209, 207, 184

Tritanomaly
188, 195, 203

Monochromacy



Original Color
182, 204, 201

Achromatopsia
196, 196, 196

Achromatomaly
191, 199, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 204, 201 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(185, 204, 182)` looks like.

```
.text, #text, p{  
    color:rgb(185, 204, 182)  
}
```

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(185, 204, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 204, 182) }
```

Border

The CSS property to change the border of an element to RYB 182, 204, 201 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(185, 204, 182) }
```

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

```
.border{ border-color:rgb(185, 204, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 204, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 204, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 204, 182); box-shadow:4px 4px 4px 4px rgb(185, 204, 182) }
```

Background

The CSS property to change the background color of an element to RYB 182, 204, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 204, 182) }
```

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

```
.background{ background-color: rgb(185,  
204, 182) }
```

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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