

Converting Colors

`RYB(182, 204, 205)`

Have a look what the booklet for
RYB(182, 204, 205) contains.

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Color

R_YB(182, 204, 205)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B6CDB7 |
| RGB | 182, 205, 183 |
| RGB Percent | 71%, 80%, 72% |
| CMY | 0.2863, 0.1961, 0.2822 |
| CMYK | 0.11, 0.00, 0.11, 0.20 |
| HSL | 123°, 19%, 76% |
| HSV | 123°, 11%, 80% |
| XYZ | 49.6747, 57.0285, 53.2140 |
| YIQ | 195.6150, -6.6460, -11.7180 |

Conversions

Conversions Part 2

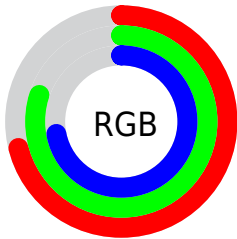
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 182, 204, 205 |
| Decimal | 11980215 |
| CIELab | 80.20, -11.89, 8.32 |
| CIELCh | 80, 14.507, 145.020 |
| Yxy | 57.0285, 0.3106, 0.3566 |
| Android (android.graphics.Color) | 4290170295 (0xFFB6CDB7) |
| YUV | 195.6150, -6.2192, -11.9404 |
| Hunter-Lab | 75.5172, -14.7391, 11.0827 |

Details

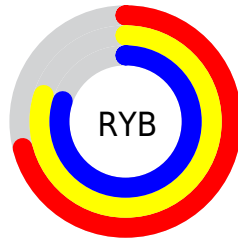
The RYB color **182, 204, 205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 182, 204**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **238, 254, 255**, and **129, 150, 151** is the 20% darker color. If you saturate the color by 10%, you get **162, 204, 205**, and if you desaturate by 10%, it is **203, 205, 205**.

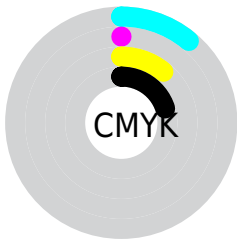
Distribution



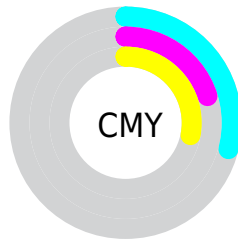
- Red (71%)
- Green (80%)
- Blue (72%)



- Red (71%)
- Yellow (80%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 204, 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 182, 204, 205 by changing the saturation by 10% instead.

 182, 204, 205

255, 255, 255

 238, 254, 255

 182, 204, 205


 155, 177, 178

 129, 150, 151

 104, 124, 125

 79, 98, 100

 56, 74, 76

 34, 51, 53

 14, 31, 32

 0, 1, 1

 0, 0, 0

 182, 204, 205

 182, 204, 205

 162, 204, 205

 203, 205, 205

 141, 202, 205

 223, 205, 222


 121, 202, 205


 243, 205, 242


 100, 200, 205

 255, 205, 255

 80, 200, 205

 59, 198, 205

 39, 198, 205

 18, 197, 205

 0, 196, 205

Harmonies

Analogous

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



174, 202, 179



182, 204, 205



170, 192, 207

Triad

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



182, 204, 205



182, 195, 226



228, 190, 188

Complementary

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



182, 204, 205



205, 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.



225, 190, 202



182, 204, 205



199, 196, 223

Square

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



182, 204, 205



169, 190, 221



215, 192, 215



223, 202, 177

Rectangle

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



182, 204, 205



165, 187, 207



215, 192, 215



228, 190, 192

Sweetspot

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



182, 204, 205



247, 254, 255



182, 205, 183



122, 127, 128



0, 0, 0



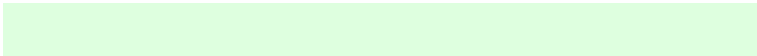
128, 128, 128

Same Dimension

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



182, 204, 205



222, 254, 255



182, 197, 205



92, 102, 102



0, 158, 166



0, 36, 38

Inverse Universe

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



205, 182, 204



255, 222, 253



205, 182, 193



102, 92, 102



166, 0, 158



38, 0, 37

Previews

White Background



This preview shows how the RYB color 182, 204, 205 looks on a white background.

Color Contrast Check

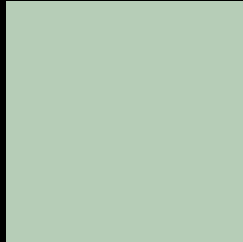
Large Text (above 18pt) WCAG AA × Fail

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 182, 204, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

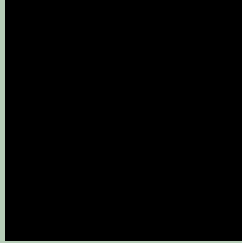
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

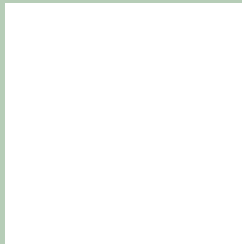
Any Text WCAG AAA ✓ Pass

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

RYB 182, 204, 205 Background



This preview shows how black text looks on a background with the RYB color 182, 204, 205.

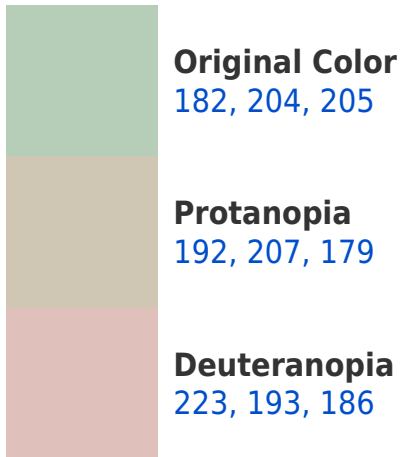


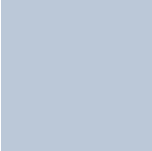
This preview shows how white text looks on a background with the RYB color 182, 204, 205.

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](#).

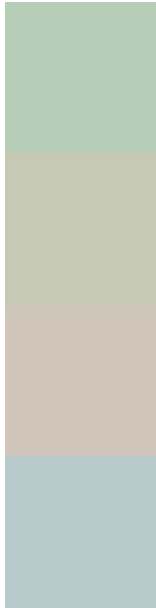
Dichromacy





Tritanopia
187, 196, 216

Trichromacy



Original Color

182, 204, 205

Protanomaly

180, 201, 183

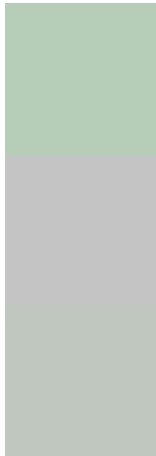
Deuteranomaly

206, 208, 185

Tritanomaly

185, 194, 204

Monochromacy



Original Color

182, 204, 205

Achromatopsia

196, 196, 196

Achromatomaly

191, 199, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 204, 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(182, 205, 183)` looks like.

```
.text, #text, p{  
    color:rgb(182, 205, 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(182, 205, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 205, 183) }
```

Border

The CSS property to change the border of an element to RYB 182, 204, 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(182, 205, 183) }
```

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

```
.border{ border-color:rgb(182, 205, 183) }
```

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

Here you see how a box with a 4 pixel rgb(182, 205, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 205, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 205, 183);  
box-shadow:4px 4px 4px 4px rgb(182, 205,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 182, 204, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 205, 183) }
```

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

```
.background{ background-color: rgb(182,  
205, 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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