

Converting Colors

`RYB(185, 196, 206)`

Have a look what the booklet for
RYB(185, 196, 206) contains.

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Color

R_YB(185, 196, 206)

Conversions

Conversions Part 1

Format	Color
Hex	B9CECC
RGB	185, 206, 204
RGB Percent	73%, 81%, 80%
CMY	0.2745, 0.1922, 0.1996
CMYK	0.10, 0.00, 0.01, 0.19
HSL	175°, 18%, 77%
HSV	175°, 10%, 81%
XYZ	52.9889, 58.8209, 65.7447
YIQ	199.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

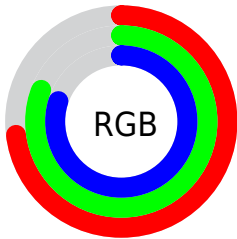
Format	Color
RYB	185, 196, 206
Decimal	12177100
CIELab	81.19, -7.42, -1.47
CIElCh	81, 7.565, 191.195
Yxy	58.8209, 0.2984, 0.3313
Android (android.graphics.Color)	4290367180 (0xFFB9CECC)
YUV	199.4930, 2.2220, -12.7104
Hunter-Lab	76.6948, -10.8892, 2.8615

Details

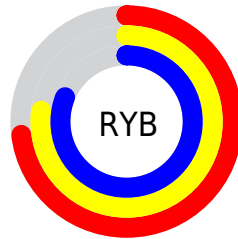
The RYB color **185, 196, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 185, 187**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **241, 248, 255**, and **132, 143, 152** is the 20% darker color. If you saturate the color by 10%, you get **164, 186, 206**, and if you desaturate by 10%, it is **206, 206, 206**.

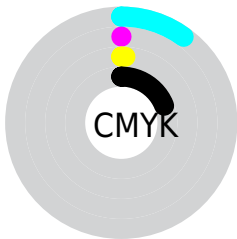
Distribution



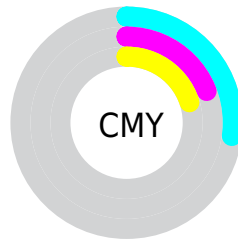
- Red (73%)
- Green (81%)
- Blue (80%)



- Red (73%)
- Yellow (77%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 196, 206 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 185, 196, 206 by changing the saturation by 10% instead.

 185, 196, 206

255, 255, 255

 241, 248, 255

 185, 196, 206

 158, 169, 179

 132, 143, 152

 106, 117, 126

 82, 92, 101

 59, 69, 77

 37, 46, 54

 16, 25, 33

 0, 4, 8

 0, 0, 0

■ 185, 196, 206

■ 185, 196, 206

■ 164, 186, 206

■ 206, 206, 206

■ 144, 177, 206

■ 226, 206, 208

■ 123, 167, 206

■ 247, 206, 210

■ 103, 157, 206

■ 255, 206, 212

■ 82, 147, 206

■ 255, 206, 213

■ 61, 137, 206

■ 255, 206, 215

■ 41, 127, 206

■ 255, 206, 217

■ 20, 117, 206

■ 255, 206, 219

■ 0, 108, 206

■ 255, 206, 221

Harmonies

Analogous

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



189, 201, 206



185, 196, 206



185, 196, 211

Triad

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



185, 196, 206



206, 199, 212



212, 212, 188

Complementary

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



185, 196, 206



206, 185, 187

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, 199, 193



185, 196, 206



213, 197, 206

Square

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



185, 196, 206



198, 201, 215



217, 197, 199



192, 205, 188

Rectangle

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



185, 196, 206



188, 198, 214



217, 197, 199



214, 206, 189

Sweetspot

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



185, 196, 206



247, 251, 255



185, 206, 204



122, 125, 128



0, 0, 0



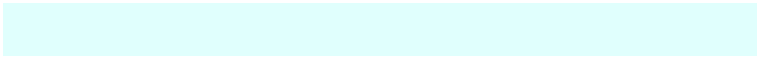
128, 128, 128

Same Dimension

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



185, 196, 206



224, 240, 255



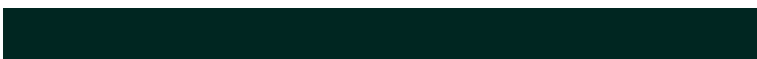
185, 193, 206



92, 97, 102



0, 87, 166



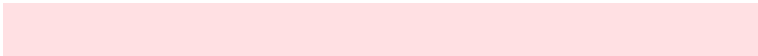
0, 20, 38

Inverse Universe

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



206, 185, 187



255, 224, 227



206, 198, 185



102, 92, 93



166, 0, 15



38, 0, 3

Previews

White Background



This preview shows how the RYB color 185, 196, 206 looks on a white background.

Color Contrast Check

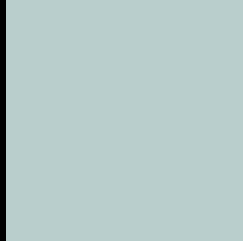
Large Text (above 18pt) WCAG AA × Fail

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 185, 196, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

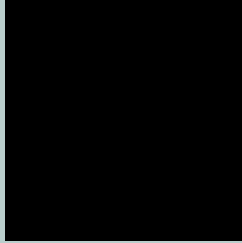
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

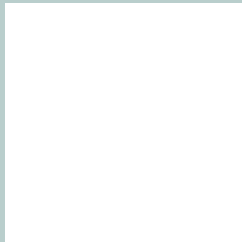
Any Text WCAG AAA ✓ Pass

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

RYB 185, 196, 206 Background



This preview shows how black text looks on a background with the RYB color 185, 196, 206.



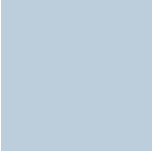
This preview shows how white text looks on a background with the RYB color 185, 196, 206.

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
188, 199, 220

Trichromacy



Original Color
185, 196, 206

Protanomaly
198, 200, 202

Deuteranomaly
207, 199, 205

Tritanomaly
187, 198, 214

Monochromacy



Original Color
185, 196, 206

Achromatopsia
200, 200, 200

Achromatomaly
195, 199, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 196, 206 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, 206, 204)` looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 204)  
}
```

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, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 204) }
```

Border

The CSS property to change the border of an element to RYB 185, 196, 206 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, 206, 204) }
```

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

```
.border{ border-color:rgb(185, 206, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 206, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(185, 206,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 185, 196, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 206, 204) }
```

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

```
.background{ background-color: rgb(185,  
206, 204) }
```

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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