

Converting Colors

`RYB(196, 179, 186)`

Have a look what the booklet for
RYB(196, 179, 186) contains.

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Color

R_YB(196, 179, 186)

Conversions

Conversions Part 1

Format	Color
Hex	C4B3BA
RGB	196, 179, 186
RGB Percent	77%, 70%, 73%
CMY	0.2314, 0.2980, 0.2706
CMYK	0.00, 0.09, 0.05, 0.23
HSL	335°, 13%, 74%
HSV	335°, 9%, 77%
XYZ	47.7480, 47.5211, 53.1103
YIQ	184.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

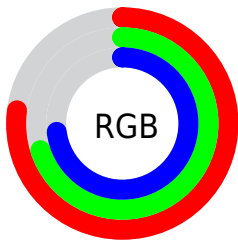
Format	Color
RYB	196, 179, 186
Decimal	12891066
CIELab	74.52, 7.29, -1.36
CIELCh	75, 7.420, 349.412
Yxy	47.5211, 0.3218, 0.3203
Android (android.graphics.Color)	4291081146 (0xFFC4B3BA)
YUV	184.8810, 0.5517, 9.7514
Hunter-Lab	68.9356, 3.0001, 2.5759

Details

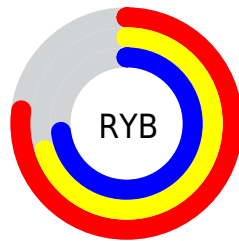
The RYB color **196, 179, 186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **179, 190, 196**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **253, 235, 242**, and **142, 126, 133** is the 20% darker color. If you saturate the color by 10%, you get **196, 159, 174**, and if you desaturate by 10%, it is **196, 198, 199**.

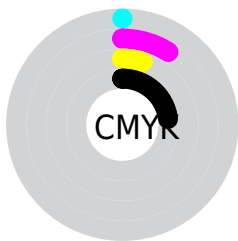
Distribution



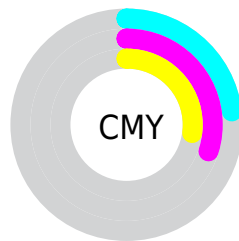
- Red (77%)
- Green (70%)
- Blue (73%)



- Red (77%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 179, 186 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 196, 179, 186 by changing the saturation by 10% instead.

■ 196, 179, 186

255, 255, 255

■ 253, 235, 242

■ 196, 179, 186

■ 169, 152, 159

■ 142, 126, 133

■ 117, 101, 108

■ 92, 77, 84

■ 68, 55, 60

■ 46, 33, 39

■ 26, 11, 18


■ 0, 0, 0

■ 196, 179, 186

■ 196, 179, 186

 196, 159, 174

 196, 198, 199

 196, 140, 163


 196, 210, 218

 196, 120, 151


 196, 222, 238

 196, 101, 140

 196, 233, 255

 196, 81, 128

 196, 229, 255

 196, 61, 117

 196, 226, 255

 196, 42, 105

 196, 22, 94

 196, 3, 82

Harmonies

Analogous

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



190, 180, 192



196, 179, 186



198, 179, 179

Triad

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



196, 179, 186



170, 184, 170



168, 178, 193

Complementary

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



196, 179, 186



179, 190, 196

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.



167, 177, 188



196, 179, 186



174, 186, 184

Square

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



196, 179, 186



188, 192, 170



170, 180, 187



174, 181, 197

Rectangle

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



196, 179, 186



198, 181, 175



170, 180, 187



167, 178, 192

Sweetspot

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



196, 179, 186



255, 247, 251



189, 179, 196



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

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



196, 179, 186



255, 230, 240



196, 180, 179



97, 87, 91



161, 0, 66



33, 0, 14

Inverse Universe

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



196, 179, 186



255, 230, 240



179, 187, 196



97, 87, 91



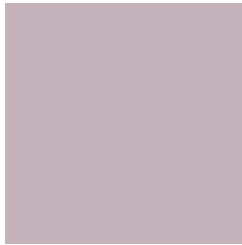
161, 0, 66



33, 0, 14

Previews

White Background



This preview shows how the RYB color 196, 179, 186 looks on a white background.

Color Contrast Check

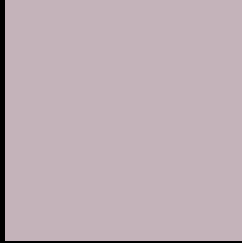
Large Text (above 18pt) WCAG AA × Fail

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 196, 179, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

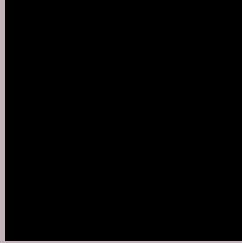
Any Text WCAG AA ✓ Pass

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 196, 179, 186 Background



This preview shows how black text looks on a background with the RYB color 196, 179, 186.



This preview shows how white text looks on a background with the RYB color 196, 179, 186.

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



Original Color
196, 179, 186

Protanopia
185, 182, 188

Deuteranopia
200, 178, 186



Tritanopia
197, 178, 192

Trichromacy



Original Color

196, 179, 186

Protanomaly

189, 181, 187

Deuteranomaly

199, 178, 186

Tritanomaly

197, 178, 190

Monochromacy



Original Color

196, 179, 186

Achromatopsia

185, 185, 185

Achromatomaly

189, 183, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 179, 186 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(196, 179, 186) looks like.

```
.text, #text, p{  
    color:rgb(196, 179, 186)  
}
```

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(196, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 179, 186) }
```

Border

The CSS property to change the border of an element to RYB 196, 179, 186 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(196, 179, 186) }
```

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

```
.border{ border-color:rgb(196, 179, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(196, 179,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 196, 179, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 179, 186) }
```

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

```
.background{ background-color: rgb(196,  
179, 186) }
```

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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