

Converting Colors

`RYB(196, 183, 201)`

Have a look what the booklet for
RYB(196, 183, 201) contains.

RYB(196, 183, 201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(196, 183, 201)

Conversions

Conversions Part 1

Format	Color
Hex	C4B7C9
RGB	196, 183, 201
RGB Percent	77%, 72%, 79%
CMY	0.2314, 0.2824, 0.2118
CMYK	0.02, 0.09, 0.00, 0.21
HSL	283°, 14%, 75%
HSV	283°, 9%, 79%
XYZ	50.2411, 49.8198, 62.2265
YIQ	188.9390, 1.9700, 8.3540

Conversions

Conversions Part 2

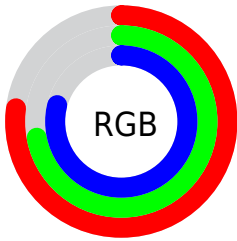
Format	Color
R_{YB}	196, 183, 201
Decimal	12892105
CIE Lab	75.96, 7.90, -7.42
CIE LCh	76, 10.842, 316.790
Yxy	49.8198, 0.3096, 0.3070
Android (android.graphics.Color)	4291082185 (0xFFC4B7C9)
YUV	188.9390, 5.9461, 6.1925
Hunter-Lab	70.5831, 3.5358, -2.8622

Details

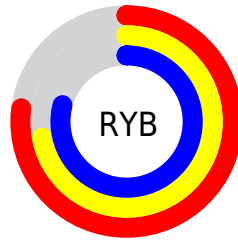
The RYB color **196, 183, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183, 201, 196**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **253, 239, 255**, and **142, 130, 147** is the 20% darker color. If you saturate the color by 10%, you get **190, 163, 201**, and if you desaturate by 10%, it is **201, 203, 202**.

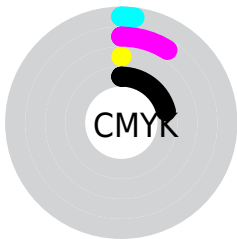
Distribution



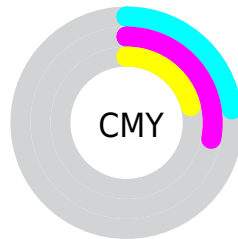
- Red (77%)
- Green (72%)
- Blue (79%)



- Red (77%)
- Yellow (72%)
- Blue (79%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (23%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 183, 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 196, 183, 201 by changing the saturation by 10% instead.

■ 196, 183, 201

255, 255, 255

■ 253, 239, 255

■ 196, 183, 201

■ 169, 156, 174

■ 142, 130, 147

■ 117, 105, 121

■ 92, 81, 97

■ 68, 58, 73


■ 46, 36, 50


■ 26, 15, 29


■ 0, 0, 1

■ 0, 0, 0


 196, 183, 201

 196, 183, 201


 190, 163, 201


 201, 203, 202


 185, 143, 201


 201, 223, 217


 179, 123, 201


 201, 243, 231


 174, 103, 201

 201, 255, 238


 168, 83, 201


 201, 255, 232


 163, 62, 201

 201, 255, 226


 157, 42, 201

 201, 255, 221

 151, 22, 201

 201, 255, 215

 146, 2, 201

 201, 255, 210

Harmonies

Analogous

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



184, 186, 206



196, 183, 201



205, 181, 192

Triad

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



196, 183, 201



196, 200, 168



163, 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, 183, 201



183, 201, 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.



168, 184, 193



196, 183, 201



169, 189, 168

Square

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



196, 183, 201



207, 185, 173



173, 191, 186



164, 180, 201

Rectangle

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



196, 183, 201



208, 181, 185



173, 191, 186



164, 180, 193

Sweetspot

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



196, 183, 201



253, 247, 255



183, 187, 201



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 183, 201



247, 227, 255



201, 183, 197



97, 90, 99



118, 0, 163



26, 0, 36

Inverse Universe

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



201, 183, 188



255, 227, 235



183, 198, 201



99, 90, 92



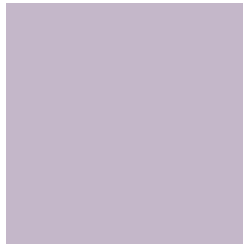
163, 0, 45



36, 0, 10

Previews

White Background



This preview shows how the RYB color 196, 183, 201 looks on a white background.

Color Contrast Check

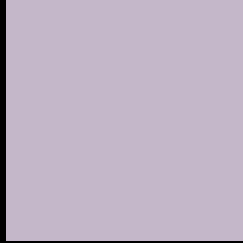
Large Text (above 18pt) WCAG AA × Fail

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 196, 183, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

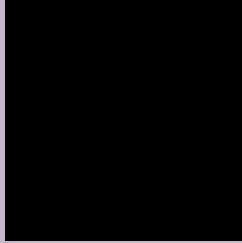
Any Text WCAG AA ✓ Pass

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 196, 183, 201 Background



This preview shows how black text looks on a background with the RYB color 196, 183, 201.



This preview shows how white text looks on a background with the RYB color 196, 183, 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



Original Color
[196, 183, 201](#)

Protanopia
[186, 186, 203](#)

Deuteranopia
[199, 182, 201](#)



Tritanopia
196, 184, 198

Trichromacy



Original Color

196, 183, 201

Protanomaly

190, 185, 202

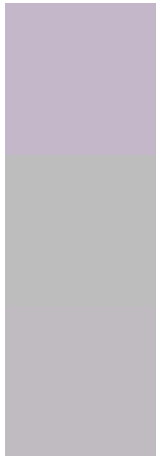
Deuteranomaly

198, 182, 201

Tritanomaly

196, 184, 199

Monochromacy



Original Color

196, 183, 201

Achromatopsia

189, 189, 189

Achromatomaly

192, 187, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 183, 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(196, 183, 201) looks like.

```
.text, #text, p{  
    color:rgb(196, 183, 201)  
}
```

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, 183, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 183, 201) }
```

Border

The CSS property to change the border of an element to RYB 196, 183, 201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

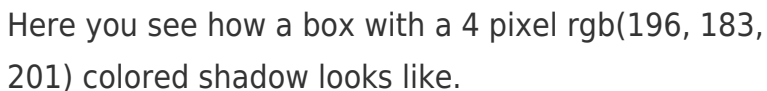
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 183, 201) }
```

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

```
.border{ border-color:rgb(196, 183, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 183, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 183, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 183, 201);  
box-shadow:4px 4px 4px 4px rgb(196, 183,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 196, 183, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 183, 201) }
```

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

```
.background{ background-color: rgb(196,  
183, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor