

Converting Colors

`RYB(183, 184, 196)`

Have a look what the booklet for
RYB(183, 184, 196) contains.

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Color

RYB(183, 184, 196)

Conversions

Conversions Part 1

Format	Color
Hex	B7B8C4
RGB	183, 184, 196
RGB Percent	72%, 72%, 77%
CMY	0.2824, 0.2781, 0.2314
CMYK	0.07, 0.06, 0.00, 0.23
HSL	235°, 10%, 74%
HSV	235°, 7%, 77%
XYZ	46.6501, 48.3684, 59.1019
YIQ	185.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

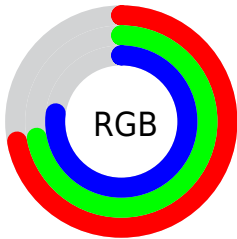
Format	Color
R _Y B	183, 184, 196
Decimal	12040388
CIE Lab	75.06, 1.92, -6.15
CIE LCh	75, 6.444, 287.317
Yxy	48.3684, 0.3027, 0.3138
Android (android.graphics.Color)	4290230468 (0xFFB7B8C4)
YUV	185.0690, 5.3890, -1.8145
Hunter-Lab	69.5474, -1.9762, -1.7019

Details

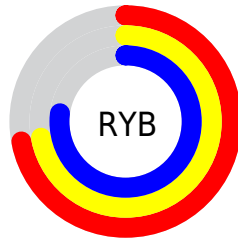
The RYB color **183, 184, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **184, 196, 183**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **239, 240, 253**, and **130, 131, 142** is the 20% darker color. If you saturate the color by 10%, you get **163, 166, 196**, and if you desaturate by 10%, it is **197, 203, 196**.

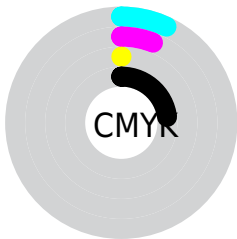
Distribution



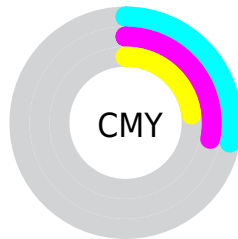
- Red (72%)
- Green (72%)
- Blue (77%)



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



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 184, 196 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 183, 184, 196 by changing the saturation by 10% instead.

■ 183, 184, 196

255, 255, 255

■ 239, 240, 253

■ 183, 184, 196

■ 156, 157, 169

■ 130, 131, 142

■ 105, 106, 117

■ 81, 82, 92

■ 58, 59, 69

■ 36, 37, 46

■ 15, 16, 26

■ 0, 0, 0

■ 183, 184, 196

■ 183, 184, 196

■ 163, 166, 196

■ 197, 203, 196

■ 144, 148, 196

■ 198, 222, 196

■ 124, 130, 196

■ 200, 242, 196

■ 105, 112, 196

■ 196, 255, 196

■ 85, 93, 196

■ 65, 75, 196

■ 46, 57, 196

■ 26, 39, 196

■ 7, 21, 196

Harmonies

Analogous

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



176, 183, 196



183, 184, 196



190, 182, 193

Triad

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



183, 184, 196



197, 184, 176



173, 182, 188

Complementary

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



183, 184, 196



184, 196, 183

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.



177, 187, 185



183, 184, 196



190, 192, 173

Square

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



183, 184, 196



198, 181, 181



174, 186, 173



171, 180, 188

Rectangle

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



183, 184, 196



194, 181, 189



174, 186, 173



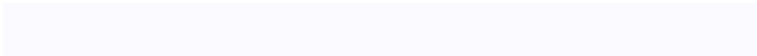
175, 184, 188

Sweetspot

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



183, 184, 196



250, 250, 255



183, 190, 196



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 184, 196



235, 236, 255



188, 183, 196



87, 88, 97



0, 12, 161



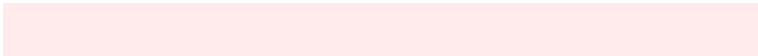
0, 3, 33

Inverse Universe

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



196, 183, 184



255, 235, 236



183, 196, 188



97, 87, 88



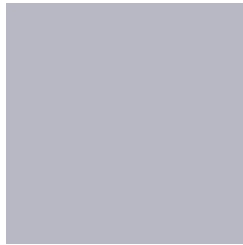
161, 0, 13



33, 0, 3

Previews

White Background



This preview shows how the RYB color 183, 184, 196 looks on a white background.

Color Contrast Check

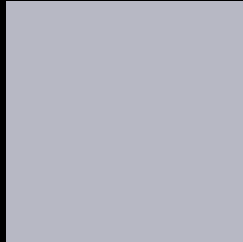
Large Text (above 18pt) WCAG AA × Fail

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 183, 184, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

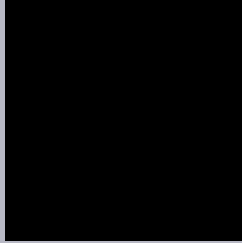
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

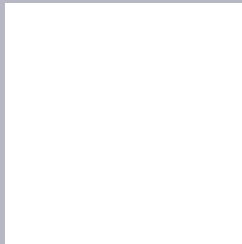
Any Text WCAG AAA ✓ Pass

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

RYB 183, 184, 196 Background



This preview shows how black text looks on a background with the RYB color 183, 184, 196.

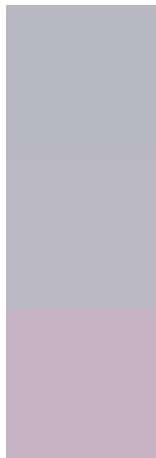


This preview shows how white text looks on a background with the RYB color 183, 184, 196.

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
183, 184, 196

Protanopia
185, 184, 196

Deuteranopia
197, 179, 197



Tritanopia
183, 184, 198

Trichromacy



Original Color

183, 184, 196

Protanomaly

184, 184, 196

Deuteranomaly

192, 181, 197

Tritanomaly

183, 184, 197

Monochromacy



Original Color

183, 184, 196

Achromatopsia

185, 185, 185

Achromatomaly

184, 185, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 184, 196 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(183, 184, 196) looks like.

```
.text, #text, p{  
    color:rgb(183, 184, 196)  
}
```

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(183, 184, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 184, 196) }
```

Border

The CSS property to change the border of an element to RYB 183, 184, 196 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(183, 184, 196) }
```

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

```
.border{ border-color:rgb(183, 184, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 184, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 184, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 184, 196);  
box-shadow:4px 4px 4px 4px rgb(183, 184,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 183, 184, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 184, 196) }
```

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

```
.background{ background-color: rgb(183,  
184, 196) }
```

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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