

Converting Colors

`RYB(193, 196, 200)`

Have a look what the booklet for
RYB(193, 196, 200) contains.

RYB(193, 196, 200)	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(193, 196, 200)

Conversions

Conversions Part 1

Format	Color
Hex	C1C6C8
RGB	193, 198, 200
RGB Percent	76%, 78%, 78%
CMY	0.2431, 0.2225, 0.2157
CMYK	0.04, 0.01, 0.00, 0.22
HSL	195°, 6%, 77%
HSV	195°, 4%, 78%
XYZ	52.6689, 56.0101, 62.6787
YIQ	196.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

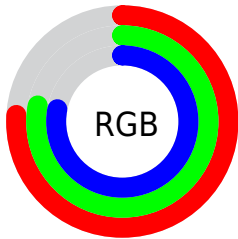
Format	Color
R _Y B	193, 196, 200
Decimal	12699336
CIE Lab	79.62, -1.47, -1.51
CIE LCh	80, 2.108, 225.831
Yxy	56.0101, 0.3074, 0.3269
Android (android.graphics.Color)	4290889416 (0xFFC1C6C8)
YUV	196.7330, 1.6106, -3.2738
Hunter-Lab	74.8399, -5.3497, 2.7324

Details

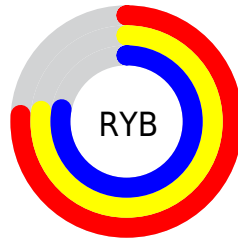
The RYB color **193, 196, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 196, 193**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **249, 252, 255**, and **140, 142, 146** is the 20% darker color. If you saturate the color by 10%, you get **173, 184, 200**, and if you desaturate by 10%, it is **213, 204, 200**.

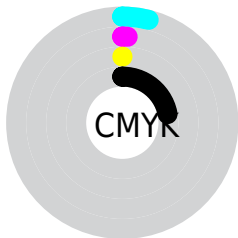
Distribution



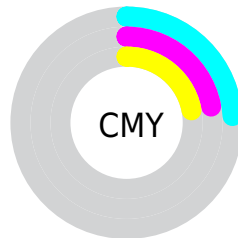
- Red (76%)
- Green (78%)
- Blue (78%)



- Red (76%)
- Yellow (77%)
- Blue (78%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 196, 200 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 193, 196, 200 by changing the saturation by 10% instead.

■ 193, 196, 200

255, 255, 255

■ 249, 252, 255

■ 193, 196, 200

■ 166, 169, 173

■ 140, 142, 146

■ 114, 117, 120

■ 90, 92, 96

■ 66, 69, 72

■ 44, 46, 50

■ 23, 25, 29

■ 0, 0, 2

■ 0, 0, 0

■ 193, 196, 200

■ 193, 196, 200

■ 173, 184, 200

■ 213, 204, 200

■ 153, 173, 200

■ 233, 211, 200

■ 133, 162, 200

■ 253, 217, 200

■ 113, 150, 200

■ 255, 227, 200

■ 93, 139, 200

■ 255, 240, 200

■ 73, 127, 200

■ 253, 255, 200

■ 53, 116, 200

■ 237, 255, 200

■ 33, 104, 200

■ 225, 255, 200

■ 13, 93, 200

■ 215, 255, 200

Harmonies

Analogous

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



193, 196, 199



193, 196, 200



194, 197, 201

Triad

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



193, 196, 200



201, 196, 198



195, 198, 194

Complementary

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



193, 196, 200



200, 196, 193

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.



200, 200, 194



193, 196, 200



202, 196, 196

Square

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



193, 196, 200



199, 196, 200



201, 196, 195



195, 198, 197

Rectangle

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



193, 196, 200



196, 197, 201



201, 196, 195



196, 199, 193

Sweetspot

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



193, 196, 200



252, 253, 255



193, 198, 200



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 196, 200



245, 249, 255



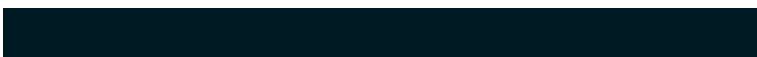
193, 195, 200



94, 96, 99



0, 70, 163



0, 15, 36

Inverse Universe

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



200, 193, 198



255, 245, 252



196, 200, 193



99, 94, 98



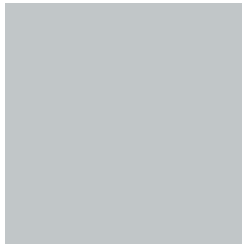
163, 0, 122



36, 0, 27

Previews

White Background



This preview shows how the RYB color 193, 196, 200 looks on a white background.

Color Contrast Check

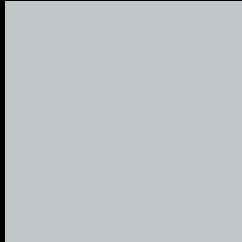
Large Text (above 18pt) WCAG AA × Fail

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 193, 196, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

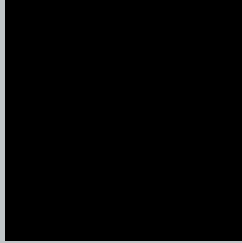
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

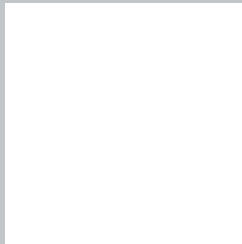
Any Text WCAG AAA ✓ Pass

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

RYB 193, 196, 200 Background



This preview shows how black text looks on a background with the RYB color 193, 196, 200.



This preview shows how white text looks on a background with the RYB color 193, 196, 200.

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](#).

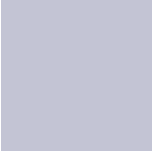
Dichromacy



Original Color
193, 196, 200

Protanopia
200, 196, 199

Deuteranopia
214, 191, 201



Tritanopia
195, 196, 212

Trichromacy



Original Color

193, 196, 200

Protanomaly

197, 197, 199

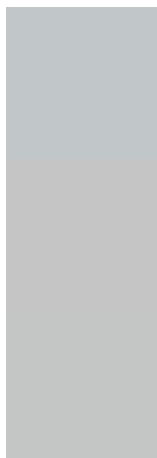
Deuteranomaly

206, 194, 201

Tritanomaly

194, 196, 208

Monochromacy



Original Color

193, 196, 200

Achromatopsia

197, 197, 197

Achromatomaly

196, 197, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 196, 200 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(193, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 200)  
}
```

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(193, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 200) }
```

Border

The CSS property to change the border of an element to RYB 193, 196, 200 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(193, 198, 200) }
```

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

```
.border{ border-color:rgb(193, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 193, 196, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 200) }
```

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

```
.background{ background-color: rgb(193,  
198, 200) }
```

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