

Converting Colors

`RYB(196, 200, 209)`

Have a look what the booklet for
RYB(196, 200, 209) contains.

RYB(196, 200, 209)	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, 200, 209)

Conversions

Conversions Part 1

Format	Color
Hex	C4CAD1
RGB	196, 202, 209
RGB Percent	77%, 79%, 82%
CMY	0.2314, 0.2087, 0.1804
CMYK	0.06, 0.03, 0.00, 0.18
HSL	213°, 12%, 79%
HSV	213°, 6%, 82%
XYZ	55.3420, 58.4761, 68.6918
YIQ	201.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

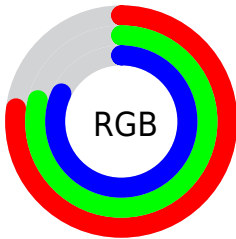
Format	Color
R _Y B	196, 200, 209
Decimal	12896977
CIE Lab	81.00, -0.60, -4.29
CIE LCh	81, 4.327, 262.070
Yxy	58.4761, 0.3032, 0.3204
Android (android.graphics.Color)	4291087057 (0xFFC4CAD1)
YUV	201.0040, 3.9420, -4.3885
Hunter-Lab	76.4696, -4.6393, 0.2692

Details

The RYB color **196, 200, 209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 209, 196**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is 253, 254, 255, and **142, 146, 155** is the 20% darker color. If you saturate the color by 10%, you get **175, 185, 209**, and if you desaturate by 10%, it is **217, 217, 209**.

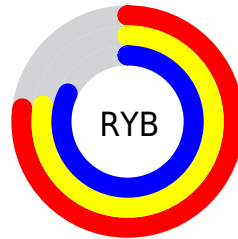
Distribution



Red (77%)

Green (79%)

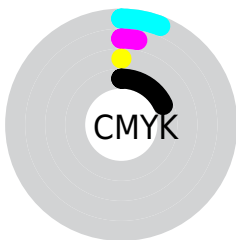
Blue (82%)



Red (77%)

Yellow (78%)

Blue (82%)

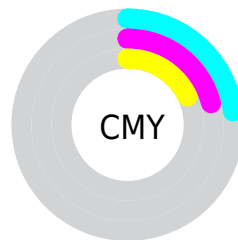


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (23%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 200, 209 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, 200, 209 by changing the saturation by 10% instead.

■ 196, 200, 209

255, 255, 255

253, 254, 255

■ 196, 200, 209

■ 169, 173, 181

■ 142, 146, 155

■ 117, 121, 129

■ 92, 96, 104

■ 69, 72, 80

■ 46, 49, 57

■ 25, 28, 35

■ 0, 4, 14

■ 0, 0, 0

■ 196, 200, 209

■ 196, 200, 209

■ 175, 185, 209

■ 217, 217, 209

■ 154, 171, 209

■ 233, 238, 209

■ 133, 156, 209

■ 239, 255, 209

■ 112, 142, 209

■ 217, 255, 209

■ 92, 128, 209

■ 209, 255, 209

■ 71, 113, 209

■ 50, 99, 209

■ 29, 84, 209

■ 8, 70, 209

Harmonies

Analogous

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



193, 199, 207



196, 200, 209



201, 200, 209

Triad

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



196, 200, 209



210, 199, 198



196, 203, 202

Complementary

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



196, 200, 209



207, 209, 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.



194, 202, 195



196, 200, 209



209, 201, 195

Square

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



196, 200, 209



209, 199, 202



204, 206, 193



193, 200, 204

Rectangle

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



196, 200, 209



204, 200, 207



204, 206, 193



195, 203, 200

Sweetspot

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



196, 200, 209



250, 251, 255



196, 204, 209



125, 126, 128



0, 0, 0



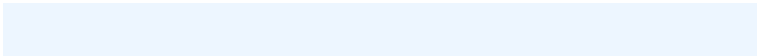
128, 128, 128

Same Dimension

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



196, 200, 209



237, 243, 255



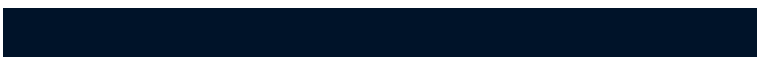
197, 196, 209



96, 99, 105



0, 52, 168



0, 13, 41

Inverse Universe

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



209, 196, 202



255, 237, 245



196, 209, 197



105, 96, 100



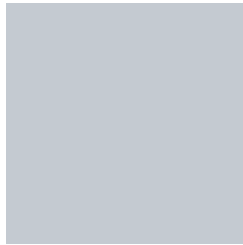
168, 0, 75



41, 0, 18

Previews

White Background



This preview shows how the RYB color 196, 200, 209 looks on a white background.

Color Contrast Check

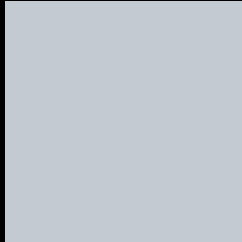
Large Text (above 18pt) WCAG AA × Fail

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, 200, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

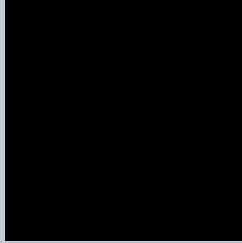
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

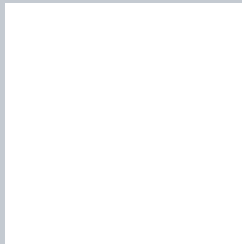
Any Text WCAG AAA ✓ Pass

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

R Y B 196, 200, 209 Background



This preview shows how black text looks on a background with the R Y B color 196, 200, 209.



This preview shows how white text looks on a background with the R Y B color 196, 200, 209.

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
197, 200, 216

Trichromacy



Original Color

196, 200, 209

Protanomaly

200, 201, 208

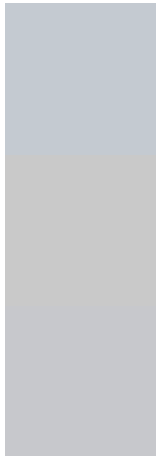
Deuteranomaly

209, 197, 210

Tritanomaly

197, 200, 213

Monochromacy



Original Color

196, 200, 209

Achromatopsia

201, 201, 201

Achromatomaly

199, 200, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 200, 209 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, 202, 209) looks like.

```
.text, #text, p{  
    color:rgb(196, 202, 209)  
}
```

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, 202, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 209) }
```

Border

The CSS property to change the border of an element to RYB 196, 200, 209 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, 202, 209) }
```

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

```
.border{ border-color:rgb(196, 202, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 202, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 202, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 202, 209);  
box-shadow:4px 4px 4px 4px rgb(196, 202,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 196, 200, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 209) }
```

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

```
.background{ background-color: rgb(196,  
202, 209) }
```

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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