

Converting Colors

`RYB(196, 213, 202)`

Have a look what the booklet for
RYB(196, 213, 202) contains.

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Color

R_YB(196, 213, 202)

Conversions

Conversions Part 1

Format	Color
Hex	CFD5C4
RGB	207, 213, 196
RGB Percent	81%, 84%, 77%
CMY	0.1882, 0.1647, 0.2314
CMYK	0.03, 0.00, 0.08, 0.16
HSL	81°, 17%, 80%
HSV	81°, 8%, 84%
XYZ	59.4902, 64.8394, 61.6043
YIQ	209.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

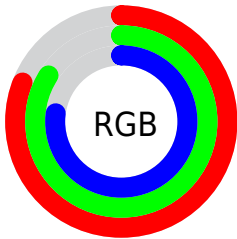
Format	Color
RYB	196, 213, 202
Decimal	13620676
CIELab	84.40, -5.06, 7.69
CIELCh	84, 9.205, 123.367
Yxy	64.8394, 0.3200, 0.3487
Android (android.graphics.Color)	4291810756 (0xFFCFD5C4)
YUV	209.2680, -6.5411, -1.9890
Hunter-Lab	80.5229, -9.0397, 11.0060

Details

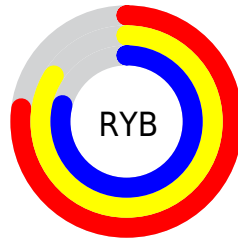
The RYB color **196, 213, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 196, 213**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **253, 255, 253**, and **142, 158, 147** is the 20% darker color. If you saturate the color by 10%, you get **175, 213, 189**, and if you desaturate by 10%, it is **215, 213, 217**.

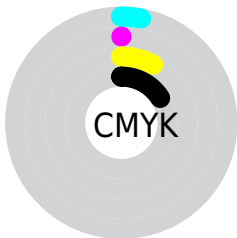
Distribution



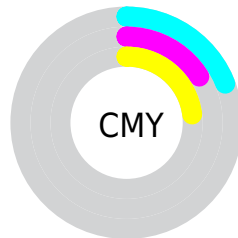
- Red (81%)
- Green (84%)
- Blue (77%)



- Red (77%)
- Yellow (84%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 213, 202 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, 213, 202 by changing the saturation by 10% instead.

■ 196, 213, 202

255, 255, 255

253, 255, 253

■ 196, 213, 202

■ 169, 185, 175

■ 142, 158, 147

■ 117, 132, 122

■ 92, 107, 97

■ 69, 83, 74

■ 46, 60, 51

■ 26, 38, 31

■ 0, 18, 6

■ 0, 0, 0

 196, 213, 202

 196, 213, 202

 175, 213, 189

 215, 213, 217

 153, 213, 174

 222, 213, 239

 132, 213, 161

 230, 213, 255

 111, 213, 147

 237, 213, 255

 90, 213, 134

 245, 213, 255


 68, 213, 119

 252, 213, 255

 47, 213, 106

 255, 213, 255

 26, 213, 92

 4, 213, 78

Harmonies

Analogous

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



203, 217, 193



196, 213, 202



197, 211, 215

Triad

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



196, 213, 202



194, 206, 226



229, 205, 210

Complementary

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



196, 213, 202



202, 196, 213

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.



223, 206, 219



196, 213, 202



203, 209, 228

Square

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



196, 213, 202



190, 204, 220



214, 208, 225



229, 206, 201

Rectangle

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



196, 213, 202



193, 207, 216



214, 208, 225



227, 205, 213

Sweetspot

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



196, 213, 202



250, 255, 252



213, 205, 196



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



196, 213, 202



230, 255, 239



196, 213, 210



96, 107, 100



0, 171, 60



0, 43, 15

Inverse Universe

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



202, 196, 213



239, 230, 255



210, 196, 213



100, 96, 107



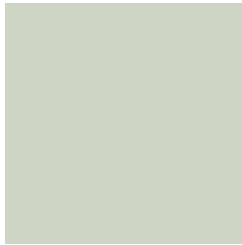
60, 0, 171



15, 0, 43

Previews

White Background



This preview shows how the RYB color 196, 213, 202 looks on a white background.

Color Contrast Check

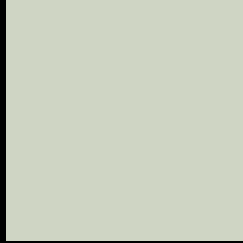
Large Text (above 18pt) WCAG AA × Fail

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, 213, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

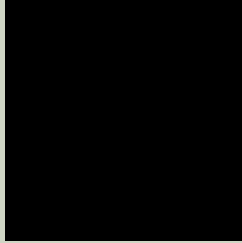
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

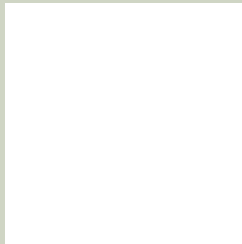
Any Text WCAG AAA ✓ Pass

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

RYB 196, 213, 202 Background



This preview shows how black text looks on a background with the RYB color 196, 213, 202.




This preview shows how white text looks on a background with the RYB color 196, 213, 202.

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, 213, 202
	Protanopia 206, 218, 194
	Deuteranopia 235, 204, 198



Tritanopia
211, 209, 225

Trichromacy



Original Color

196, 213, 202

Protanomaly

199, 214, 195

Deuteranomaly

225, 213, 197

Tritanomaly

210, 210, 214

Monochromacy



Original Color

196, 213, 202

Achromatopsia

209, 209, 209

Achromatomaly

204, 210, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 213, 202 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(207, 213, 196) looks like.

```
.text, #text, p{  
    color:rgb(207, 213, 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(207, 213, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 213, 196) }
```

Border

The CSS property to change the border of an element to RYB 196, 213, 202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

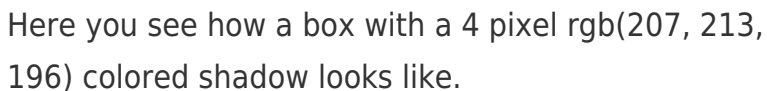
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 213, 196) }
```

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

```
.border{ border-color:rgb(207, 213, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 213, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 213, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 213, 196);  
box-shadow:4px 4px 4px 4px rgb(207, 213,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 196, 213, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 213, 196) }
```

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

```
.background{ background-color: rgb(207,  
213, 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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