

Converting Colors

`RYB(196, 209, 204)`

Have a look what the booklet for
RYB(196, 209, 204) contains.

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Color

R_YB(196, 209, 204)

Conversions

Conversions Part 1

Format	Color
Hex	C9D1C4
RGB	201, 209, 196
RGB Percent	79%, 82%, 77%
CMY	0.2118, 0.1804, 0.2314
CMYK	0.04, 0.00, 0.06, 0.18
HSL	97°, 12%, 79%
HSV	97°, 6%, 82%
XYZ	56.8517, 62.0040, 61.1961
YIQ	205.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

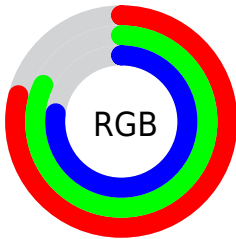
Format	Color
RYB	196, 209, 204
Decimal	13226436
CIELab	82.92, -5.08, 5.49
CIELCh	83, 7.482, 132.759
Yxy	62.0040, 0.3158, 0.3444
Android (android.graphics.Color)	4291416516 (0xFFC9D1C4)
YUV	205.1260, -4.4991, -3.6185
Hunter-Lab	78.7426, -8.9236, 9.0416

Details

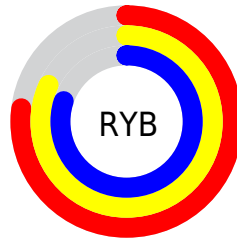
The RYB color **196, 209, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 196, 209**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **253, 255, 253**, and **142, 155, 150** is the 20% darker color. If you saturate the color by 10%, you get **175, 209, 196**, and if you desaturate by 10%, it is **214, 209, 217**.

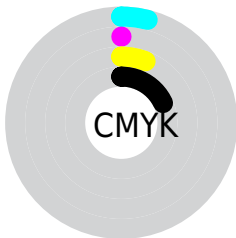
Distribution



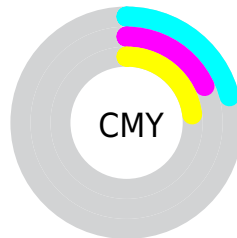
- Red (79%)
- Green (82%)
- Blue (77%)



- Red (77%)
- Yellow (82%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 209, 204 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, 209, 204 by changing the saturation by 10% instead.

■ 196, 209, 204

255, 255, 255

253, 255, 253

■ 196, 209, 204

■ 169, 181, 176

■ 142, 155, 150

■ 117, 129, 125

■ 92, 104, 100

■ 69, 80, 76

■ 46, 57, 53

■ 26, 35, 32

■ 0, 14, 11

■ 0, 0, 0

 196, 209, 204

 196, 209, 204

 175, 209, 196

 214, 209, 217

 154, 209, 188

 227, 209, 238

 133, 209, 180

 240, 209, 255

 112, 209, 171

 252, 209, 255

 92, 209, 164

 255, 209, 255

 71, 209, 156

 50, 209, 148

 29, 209, 140

 8, 209, 132

Harmonies

Analogous

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



195, 209, 193



196, 209, 204



194, 205, 210

Triad

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



196, 209, 204



195, 204, 220



222, 202, 204

Complementary

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



196, 209, 204



204, 196, 209

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.



218, 202, 211



196, 209, 204



203, 206, 220

Square

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



196, 209, 204



190, 201, 216



212, 204, 217



221, 205, 197

Rectangle

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



196, 209, 204



191, 202, 211



212, 204, 217



221, 202, 206

Sweetspot

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



196, 209, 204



250, 255, 253



204, 209, 196



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



196, 209, 204



237, 255, 248



196, 208, 209



96, 105, 102



0, 168, 103



0, 41, 25

Inverse Universe

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



204, 196, 209



248, 237, 255



209, 196, 208



101, 96, 105



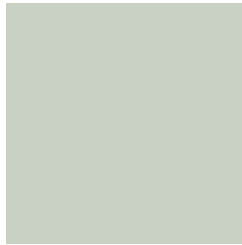
104, 0, 168



25, 0, 41

Previews

White Background



This preview shows how the RYB color 196, 209, 204 looks on a white background.

Color Contrast Check

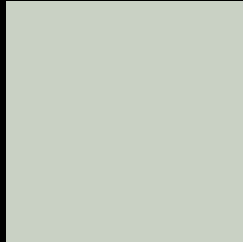
Large Text (above 18pt) WCAG AA × Fail

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, 209, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

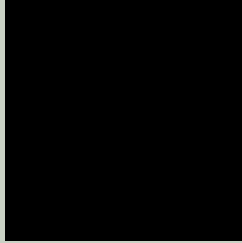
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

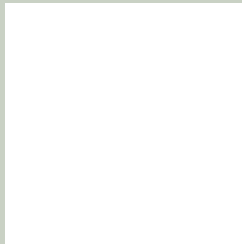
Any Text WCAG AAA ✓ Pass

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

RYB 196, 209, 204 Background



This preview shows how black text looks on a background with the RYB color 196, 209, 204.



This preview shows how white text looks on a background with the RYB color 196, 209, 204.

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
205, 205, 221

Trichromacy



Original Color

196, 209, 204

Protanomaly

199, 209, 195

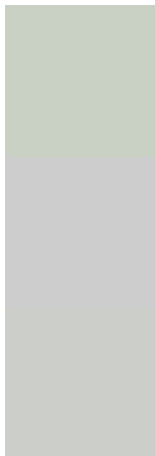
Deuteranomaly

219, 205, 197

Tritanomaly

204, 206, 212

Monochromacy



Original Color

196, 209, 204

Achromatopsia

205, 205, 205

Achromatomaly

202, 206, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 209, 204 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(201, 209, 196) looks like.

```
.text, #text, p{  
    color:rgb(201, 209, 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(201, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 209, 196) }
```

Border

The CSS property to change the border of an element to RYB 196, 209, 204 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(201, 209, 196) }
```

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

```
.border{ border-color:rgb(201, 209, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 209, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 209, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 209, 196); box-shadow:4px 4px 4px 4px rgb(201, 209, 196) }
```

Background

The CSS property to change the background color of an element to RYB 196, 209, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 209, 196) }
```

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

```
.background{ background-color: rgb(201,  
209, 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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