

Converting Colors

`RYB(204, 211, 196)`

Have a look what the booklet for
RYB(204, 211, 196) contains.

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Color

R_YB(204, 211, 196)

Conversions

Conversions Part 1

Format	Color
Hex	D3CEC4
RGB	211, 206, 196
RGB Percent	83%, 81%, 77%
CMY	0.1725, 0.1930, 0.2314
CMYK	0.00, 0.02, 0.07, 0.17
HSL	39°, 15%, 80%
HSV	39°, 7%, 83%
XYZ	58.8468, 61.8724, 61.0656
YIQ	206.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

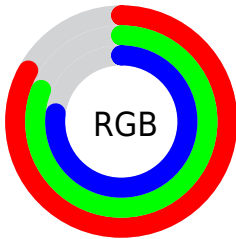
Format	Color
RYB	204, 211, 196
Decimal	13881028
CIELab	82.85, 0.09, 5.49
CIELCh	83, 5.491, 89.020
Yxy	61.8724, 0.3237, 0.3404
Android (android.graphics.Color)	4292071108 (0xFFD3CEC4)
YUV	206.3550, -5.1050, 4.0737
Hunter-Lab	78.6590, -4.1130, 9.0326

Details

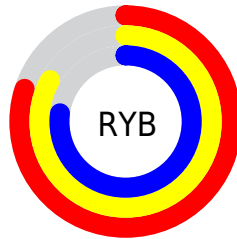
The RYB color **204, 211, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 200, 211**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **253, 255, 253**, and **148, 156, 142** is the 20% darker color. If you saturate the color by 10%, you get **195, 211, 175**, and if you desaturate by 10%, it is **211, 213, 217**.

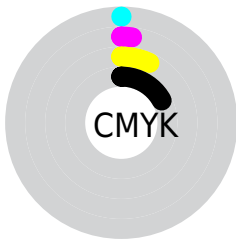
Distribution



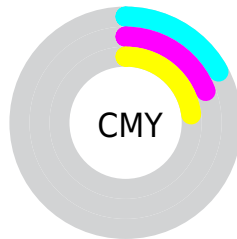
- Red (83%)
- Green (81%)
- Blue (77%)



- Red (80%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 211, 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 204, 211, 196 by changing the saturation by 10% instead.

■ 204, 211, 196

255, 255, 255

253, 255, 253

■ 204, 211, 196

■ 177, 183, 169

■ 148, 156, 142

■ 123, 130, 117

■ 98, 105, 92

■ 75, 81, 69

■ 52, 58, 46

■ 30, 36, 26


■ 8, 15, 0

■ 0, 0, 0

 204, 211, 196

 204, 211, 196

 195, 211, 175

 211, 213, 217

 185, 211, 154


 211, 218, 238


 174, 211, 133


 211, 223, 255


 166, 211, 112


 211, 227, 255


 156, 211, 91


 211, 229, 255


 144, 211, 69

 211, 232, 255

 136, 211, 48

 211, 233, 255

 125, 211, 27

 115, 211, 6

Harmonies

Analogous

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



216, 207, 198



204, 211, 196



197, 207, 199

Triad

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



204, 211, 196



194, 202, 211



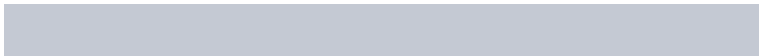
213, 204, 212

Complementary

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



204, 211, 196



196, 200, 211

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.



207, 205, 215



204, 211, 196



196, 203, 215

Square

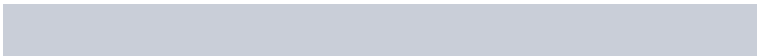
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204, 211, 196



195, 203, 209



201, 205, 216



217, 203, 207

Rectangle

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



204, 211, 196



199, 208, 206



201, 205, 216



211, 204, 213

Sweetspot

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



204, 211, 196



253, 255, 250



211, 196, 201



127, 128, 125



0, 0, 0



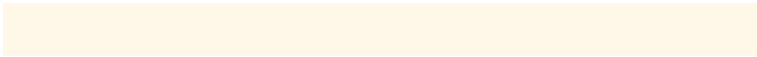
128, 128, 128

Same Dimension

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



204, 211, 196



244, 255, 232



196, 211, 198



100, 105, 94



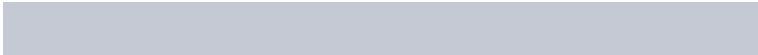
89, 168, 0



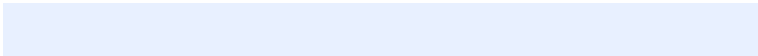
21, 41, 0

Inverse Universe

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



196, 200, 211



232, 238, 255



198, 196, 211



94, 97, 105



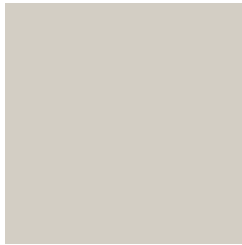
0, 44, 168



0, 10, 41

Previews

White Background



This preview shows how the RYB color 204, 211, 196 looks on a white background.

Color Contrast Check

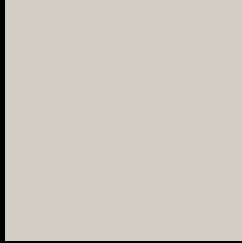
Large Text (above 18pt) WCAG AA × Fail

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 204, 211, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

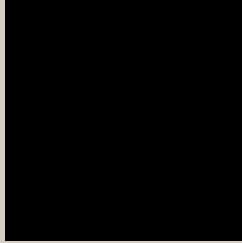
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

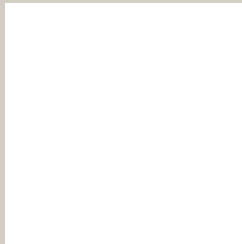
Any Text WCAG AAA ✓ Pass

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

R/Y/B 204, 211, 196 Background



This preview shows how black text looks on a background with the R/Y/B color 204, 211, 196.

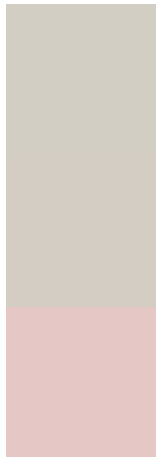


This preview shows how white text looks on a background with the R/Y/B color 204, 211, 196.

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
204, 211, 196

Protanopia
208, 212, 196

Deuteranopia
229, 199, 197



Tritanopia
214, 202, 218

Trichromacy



Original Color

204, 211, 196

Protanomaly

208, 212, 196

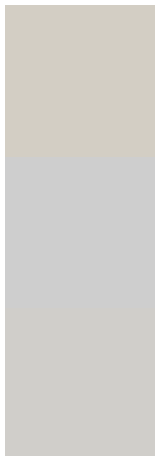
Deuteranomaly

222, 202, 197

Tritanomaly

213, 203, 210

Monochromacy



Original Color

204, 211, 196

Achromatopsia

206, 206, 206

Achromatomaly

205, 208, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 211, 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(211, 206, 196) looks like.

```
.text, #text, p{  
    color:rgb(211, 206, 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(211, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 206, 196) }
```

Border

The CSS property to change the border of an element to RYB 204, 211, 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(211, 206, 196) }
```

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

```
.border{ border-color:rgb(211, 206, 196) }
```

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

Here you see how a box with a 4 pixel rgb(211, 206, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 206, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 206, 196);  
box-shadow:4px 4px 4px 4px rgb(211, 206,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 204, 211, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 206, 196) }
```

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

```
.background{ background-color: rgb(211,  
206, 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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