

Converting Colors

`RYB(199, 210, 206)`

Have a look what the booklet for
RYB(199, 210, 206) contains.

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Color

R_YB(199, 210, 206)

Conversions

Conversions Part 1

Format	Color
Hex	CBD2C7
RGB	203, 210, 199
RGB Percent	80%, 82%, 78%
CMY	0.2039, 0.1765, 0.2196
CMYK	0.03, 0.00, 0.05, 0.18
HSL	98°, 11%, 80%
HSV	98°, 5%, 82%
XYZ	57.9840, 62.9132, 63.1202
YIQ	206.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

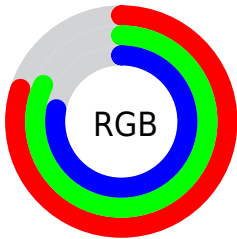
Format	Color
RYB	199, 210, 206
Decimal	13357767
CIELab	83.40, -4.37, 4.61
CIELCh	83, 6.356, 133.496
Yxy	62.9132, 0.3151, 0.3419
Android (android.graphics.Color)	4291547847 (0xFFCBD2C7)
YUV	206.6530, -3.7729, -3.2037
Hunter-Lab	79.3179, -8.3168, 8.3402

Details

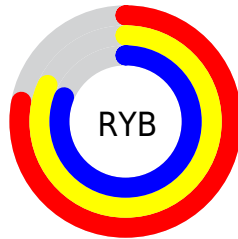
The RYB color **199, 210, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 199, 210**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 156, 152** is the 20% darker color. If you saturate the color by 10%, you get **178, 210, 198**, and if you desaturate by 10%, it is **216, 210, 220**.

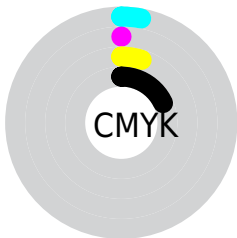
Distribution



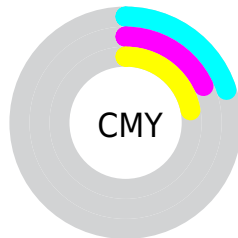
- Red (80%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 210, 206 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 199, 210, 206 by changing the saturation by 10% instead.

■ 199, 210, 206

255, 255, 255

■ 199, 210, 206

■ 172, 182, 178

■ 145, 156, 152

■ 120, 130, 127

■ 95, 104, 101

■ 71, 80, 77

■ 49, 57, 54

■ 28, 36, 33

■ 1, 15, 10

■ 0, 0, 0

 199, 210, 206

 199, 210, 206

 178, 210, 198

 216, 210, 220

 157, 210, 191

 230, 210, 241

 136, 210, 183

 243, 210, 255

 115, 210, 175

 255, 210, 255

 94, 210, 168

 73, 210, 160

 52, 210, 153

 31, 210, 145

 10, 210, 137

Harmonies

Analogous

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



198, 210, 196



199, 210, 206



197, 206, 211

Triad

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



199, 210, 206



198, 205, 219



221, 204, 205

Complementary

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



199, 210, 206



206, 199, 210

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, 204, 211



199, 210, 206



205, 207, 219

Square

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



199, 210, 206



194, 204, 216



212, 205, 216



220, 207, 200

Rectangle

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



199, 210, 206



194, 203, 211



212, 205, 216



220, 204, 207

Sweetspot

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



199, 210, 206



250, 255, 253



205, 210, 199



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



199, 210, 206



240, 255, 250



199, 209, 210



97, 105, 102



0, 168, 107



0, 41, 26

Inverse Universe

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



206, 199, 210



249, 240, 255



210, 199, 209



102, 97, 105



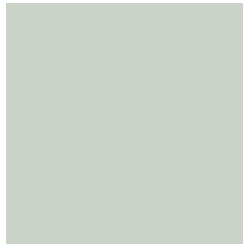
107, 0, 168



26, 0, 41

Previews

White Background



This preview shows how the RYB color 199, 210, 206 looks on a white background.

Color Contrast Check

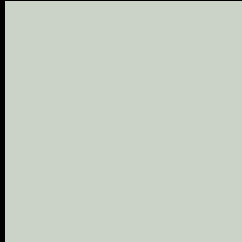
Large Text (above 18pt) WCAG AA × Fail

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 199, 210, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

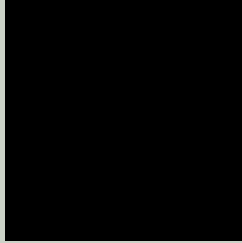
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

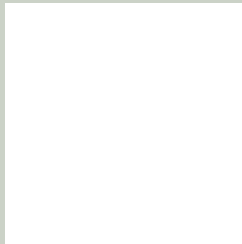
Any Text WCAG AAA ✓ Pass

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

RYB 199, 210, 206 Background



This preview shows how black text looks on a background with the RYB color 199, 210, 206.

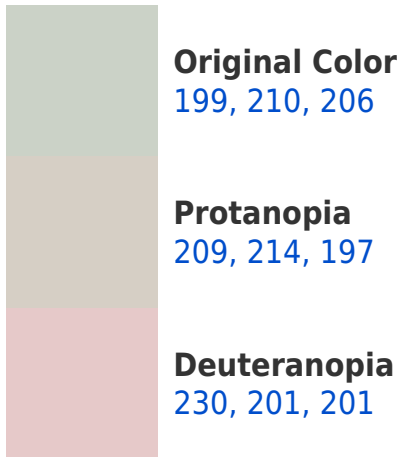


This preview shows how white text looks on a background with the RYB color 199, 210, 206.

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
207, 206, 223

Trichromacy



Original Color

199, 210, 206

Protanomaly

200, 210, 198

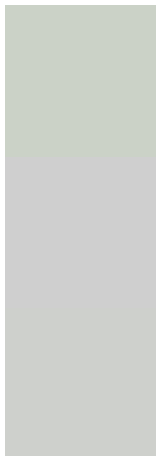
Deuteranomaly

220, 205, 200

Tritanomaly

206, 207, 214

Monochromacy



Original Color

199, 210, 206

Achromatopsia

207, 207, 207

Achromatomaly

204, 208, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 210, 206 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(203, 210, 199) looks like.

```
.text, #text, p{  
    color:rgb(203, 210, 199)  
}
```

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(203, 210, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 210, 199) }
```

Border

The CSS property to change the border of an element to RYB 199, 210, 206 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(203, 210, 199) }
```

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

```
.border{ border-color:rgb(203, 210, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 210, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 210, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 210, 199);  
box-shadow:4px 4px 4px 4px rgb(203, 210,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 199, 210, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 210, 199) }
```

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

```
.background{ background-color: rgb(203,  
210, 199) }
```

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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