

Converting Colors

`RYB(197, 207, 200)`

Have a look what the booklet for
RYB(197, 207, 200) contains.

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Color

R_YB(197, 207, 200)

Conversions

Conversions Part 1

Format	Color
Hex	CCCFC5
RGB	204, 207, 197
RGB Percent	80%, 81%, 77%
CMY	0.2000, 0.1882, 0.2275
CMYK	0.01, 0.00, 0.05, 0.19
HSL	78°, 9%, 79%
HSV	78°, 5%, 81%
XYZ	57.2927, 61.4942, 61.6732
YIQ	204.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

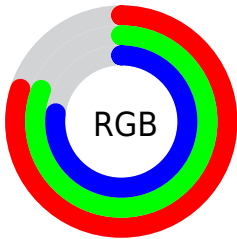
Format	Color
RYB	197, 207, 200
Decimal	13422533
CIELab	82.64, -2.82, 4.60
CIELCh	83, 5.393, 121.539
Yxy	61.4942, 0.3175, 0.3408
Android (android.graphics.Color)	4291612613 (0xFFCCCCFC5)
YUV	204.9630, -3.9258, -0.8446
Hunter-Lab	78.4183, -6.8191, 8.2632

Details

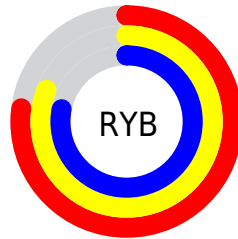
The RYB color **197, 207, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 197, 207**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **254, 255, 254**, and **143, 153, 146** is the 20% darker color. If you saturate the color by 10%, you get **176, 207, 185**, and if you desaturate by 10%, it is **210, 207, 218**.

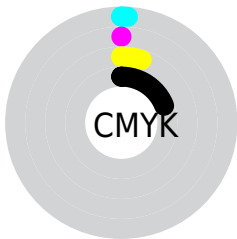
Distribution



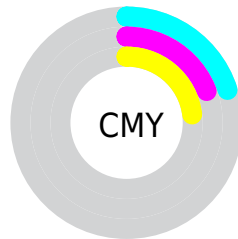
- Red (80%)
- Green (81%)
- Blue (77%)



- Red (77%)
- Yellow (81%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 207, 200 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 197, 207, 200 by changing the saturation by 10% instead.

■ 197, 207, 200

255, 255, 255

254, 255, 254

■ 197, 207, 200

■ 170, 179, 172

■ 143, 153, 146

■ 118, 127, 121

■ 93, 102, 96

■ 69, 78, 72

■ 47, 55, 49

■ 26, 34, 29

■ 0, 11, 3

■ 0, 0, 0

■ 197, 207, 200

■ 197, 207, 200

■ 176, 207, 185

■ 210, 207, 218

■ 156, 207, 171

■ 216, 207, 238

■ 135, 207, 157

■ 223, 207, 255

■ 114, 207, 142

■ 229, 207, 255

■ 94, 207, 128

■ 235, 207, 255

■ 73, 207, 113

■ 241, 207, 255

■ 52, 207, 98

■ 247, 207, 255

■ 31, 207, 84

■ 254, 207, 255

■ 11, 207, 70

■ 255, 207, 255

Harmonies

Analogous

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



204, 210, 196



197, 207, 200



198, 206, 208

Triad

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



197, 207, 200



196, 203, 214



216, 202, 206

Complementary

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



197, 207, 200



200, 197, 207

Split Complementary

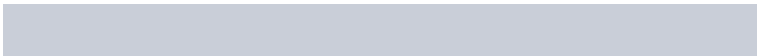
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



213, 203, 211



197, 207, 200



201, 205, 216

Square

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



197, 207, 200



194, 202, 211



207, 204, 214



217, 203, 201

Rectangle

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



197, 207, 200



196, 204, 209



207, 204, 214



215, 202, 207

Sweetspot

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



197, 207, 200



252, 255, 253



207, 201, 197



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



197, 207, 200



240, 255, 245



197, 207, 205



97, 105, 100



0, 168, 50



0, 41, 12

Inverse Universe

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



200, 197, 207



244, 240, 255



205, 197, 207



99, 97, 105



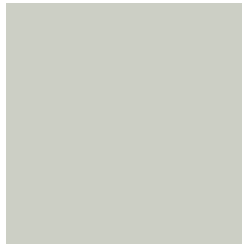
50, 0, 168



12, 0, 41

Previews

White Background



This preview shows how the RYB color 197, 207, 200 looks on a white background.

Color Contrast Check

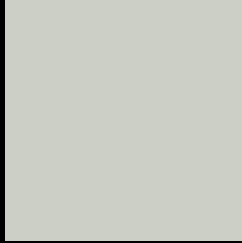
Large Text (above 18pt) WCAG AA × Fail

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 197, 207, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

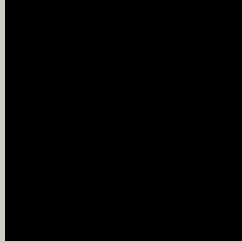
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

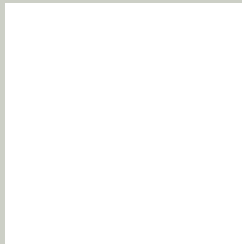
Any Text WCAG AAA ✓ Pass

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

RYB 197, 207, 200 Background



This preview shows how black text looks on a background with the RYB color 197, 207, 200.

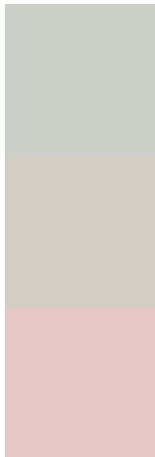


This preview shows how white text looks on a background with the RYB color 197, 207, 200.

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
197, 207, 200

Protanopia
208, 212, 196

Deuteranopia
228, 199, 199



Tritanopia
207, 204, 220

Trichromacy



Original Color

197, 207, 200

Protanomaly

200, 209, 196

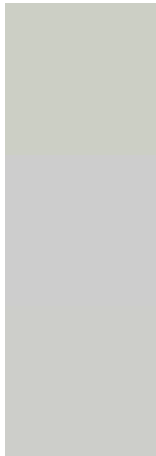
Deuteranomaly

219, 203, 198

Tritanomaly

206, 205, 212

Monochromacy



Original Color

197, 207, 200

Achromatopsia

205, 205, 205

Achromatomaly

202, 206, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 207, 200 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(204, 207, 197) looks like.

```
.text, #text, p{  
    color:rgb(204, 207, 197)  
}
```

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(204, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 197) }
```

Border

The CSS property to change the border of an element to RYB 197, 207, 200 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(204, 207, 197) }
```

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

```
.border{ border-color:rgb(204, 207, 197) }
```

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

Here you see how a box with a 4 pixel rgb(204, 207, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 197, 207, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 207, 197) }
```

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

```
.background{ background-color: rgb(204,  
207, 197) }
```

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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