

Converting Colors

`RYB(192, 207, 195)`

Have a look what the booklet for
RYB(192, 207, 195) contains.

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Color

R_YB(192, 207, 195)

Conversions

Conversions Part 1

Format	Color
Hex	CCCFC0
RGB	204, 207, 192
RGB Percent	80%, 81%, 75%
CMY	0.2000, 0.1882, 0.2471
CMYK	0.01, 0.00, 0.07, 0.19
HSL	72°, 14%, 78%
HSV	72°, 7%, 81%
XYZ	56.7291, 61.2688, 58.7053
YIQ	204.3930, 3.0270, -5.3010

Conversions

Conversions Part 2

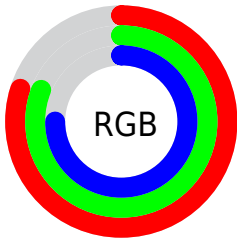
Format	Color
RYB	192, 207, 195
Decimal	13422528
CIELab	82.52, -3.69, 7.09
CIELCh	83, 7.990, 117.508
Yxy	61.2688, 0.3210, 0.3467
Android (android.graphics.Color)	4291612608 (0xFFCCCCFC0)
YUV	204.3930, -6.1097, -0.3447
Hunter-Lab	78.2744, -7.6129, 10.3249

Details

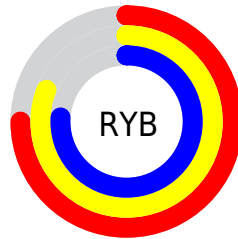
The RYB color **192, 207, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 192, 207**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **248, 255, 248**, and **139, 153, 142** is the 20% darker color. If you saturate the color by 10%, you get **171, 207, 178**, and if you desaturate by 10%, it is **208, 207, 213**.

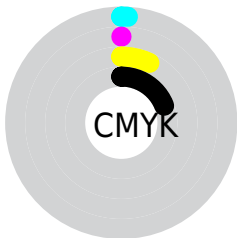
Distribution



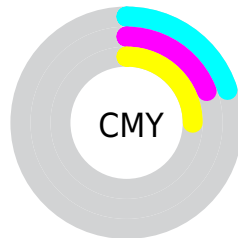
- Red (80%)
- Green (81%)
- Blue (75%)



- Red (75%)
- Yellow (81%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 207, 195 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 192, 207, 195 by changing the saturation by 10% instead.


 192, 207, 195

255, 255, 255


 248, 255, 248

 192, 207, 195


 165, 179, 167

 139, 153, 142

 113, 127, 116

 89, 102, 92

 65, 78, 68

 43, 55, 45


 23, 34, 26

 0, 12, 7


 0, 0, 0

 192, 207, 195

 192, 207, 195

 171, 207, 178

 208, 207, 213


 151, 207, 162

 212, 207, 233

 130, 207, 145

 216, 207, 254

 109, 207, 129

 221, 207, 255

 89, 207, 113

 225, 207, 255

 68, 207, 96

 229, 207, 255

 47, 207, 79

 233, 207, 255

 26, 207, 62

 237, 207, 255

 6, 207, 46

 241, 207, 255

Harmonies

Analogous

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



202, 213, 190



192, 207, 195



195, 207, 209

Triad

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



192, 207, 195



190, 201, 218



220, 200, 206

Complementary

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



192, 207, 195



195, 192, 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.



215, 202, 214



192, 207, 195



197, 203, 220

Square

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



192, 207, 195



187, 199, 212



206, 204, 219



222, 201, 199

Rectangle

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



192, 207, 195



191, 203, 210



206, 204, 219



219, 201, 209

Sweetspot

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



192, 207, 195



250, 255, 251



207, 196, 192



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



192, 207, 195



232, 255, 237



192, 207, 202



94, 105, 97



0, 168, 33



0, 41, 8

Inverse Universe

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



195, 192, 207



237, 232, 255



202, 192, 207



96, 94, 105



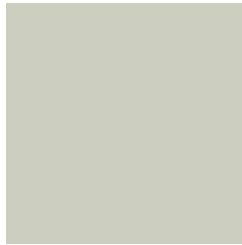
34, 0, 168



8, 0, 41

Previews

White Background



This preview shows how the RYB color 192, 207, 195 looks on a white background.

Color Contrast Check

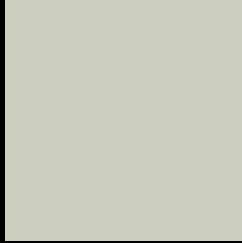
Large Text (above 18pt) WCAG AA × Fail

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 192, 207, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

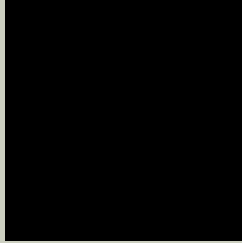
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

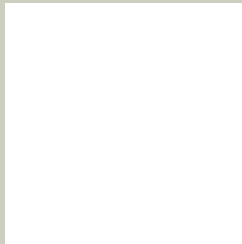
Any Text WCAG AAA ✓ Pass

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

RYB 192, 207, 195 Background



This preview shows how black text looks on a background with the RYB color 192, 207, 195.



This preview shows how white text looks on a background with the RYB color 192, 207, 195.

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
192, 207, 195

Protanopia
204, 212, 191

Deuteranopia
229, 199, 194



Tritanopia
208, 203, 219

Trichromacy



Original Color

192, 207, 195

Protanomaly

196, 209, 191

Deuteranomaly

220, 204, 193

Tritanomaly

207, 204, 209

Monochromacy



Original Color

192, 207, 195

Achromatopsia

204, 204, 204

Achromatomaly

200, 205, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 192, 207, 195 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, 192) looks like.

```
.text, #text, p{  
    color:rgb(204, 207, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 192) }
```

Border

The CSS property to change the border of an element to RYB 192, 207, 195 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, 192) }
```

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

```
.border{ border-color:rgb(204, 207, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 192);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 192, 207, 195 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, 192) }
```

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

```
.background{ background-color: rgb(204,  
207, 192) }
```

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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