

Converting Colors

RGB(193, 200, 193)

Have a look what the booklet for
RGB(193, 200, 193) contains.

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Color

RGB(193, 200, 193)

Conversions

Conversions Part 1

Format	Color
Hex	C1C8C1
RGB	193, 200, 193
RGB Percent	76%, 78%, 76%
CMY	0.2431, 0.2157, 0.2431
CMYK	0.04, 0.00, 0.04, 0.22
HSL	120°, 6%, 77%
HSV	120°, 4%, 78%
XYZ	52.2722, 56.4963, 58.6019
YIQ	197.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

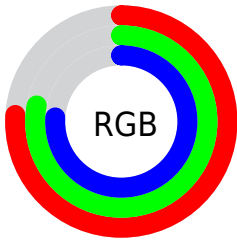
Format	Color
RYB	193, 200, 200
Decimal	12699841
CIELab	79.90, -3.69, 2.65
CIELCh	80, 4.545, 144.303
Yxy	56.4963, 0.3123, 0.3376
Android (android.graphics.Color)	4290889921 (0xFFC1C8C1)
YUV	197.1090, -2.0257, -3.6036
Hunter-Lab	75.1640, -7.4005, 6.3891

Details

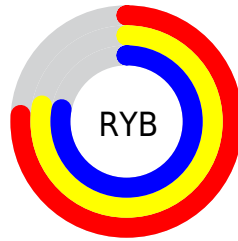
The RGB color **193, 200, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 193, 200**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **249, 255, 249**, and **140, 146, 140** is the 20% darker color. If you saturate the color by 10%, you get **173, 200, 173**, and if you desaturate by 10%, it is **213, 200, 213**.

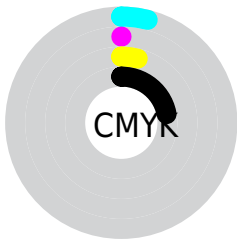
Distribution



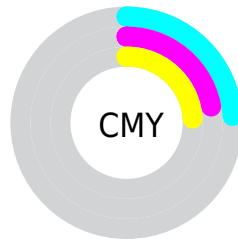
- Red (76%)
- Green (78%)
- Blue (76%)



- Red (76%)
- Yellow (78%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 200, 193 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 RGB color 193, 200, 193 by changing the saturation by 10% instead.

 193, 200, 193


255, 255, 255

 249, 255, 249

 193, 200, 193

 166, 173, 166

 140, 146, 140

 114, 120, 114

 90, 96, 90

 66, 72, 66

 44, 50, 44

 24, 29, 24

 0, 0, 0

 193, 200, 193

 193, 200, 193

 173, 200, 173

 213, 200, 213

 153, 200, 153

 233, 200, 233

 133, 200, 133

 253, 200, 253

 113, 200, 113

 255, 200, 255

 93, 200, 93

 73, 200, 73

 53, 200, 53

 33, 200, 33

 13, 200, 13

Harmonies

Analogous

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



198, 199, 190



193, 200, 193



189, 201, 197

Triad

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



193, 200, 193



193, 199, 206



208, 195, 195

Complementary

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



193, 200, 193



200, 193, 200

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.



206, 195, 199



193, 200, 193



198, 197, 206

Square

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



193, 200, 193



189, 200, 205



203, 196, 203



206, 196, 191

Rectangle

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



193, 200, 193



188, 201, 200



203, 196, 203



208, 195, 196

Sweetspot

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



193, 200, 193



252, 255, 252



200, 200, 193



126, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



193, 200, 193



245, 255, 245



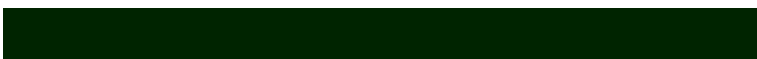
193, 200, 197



94, 99, 94



0, 163, 0



0, 36, 0

Inverse Universe

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



200, 193, 200



255, 245, 255



200, 193, 197



99, 94, 99



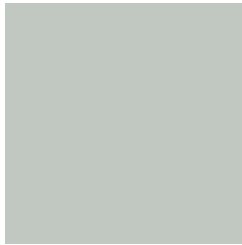
163, 0, 163



36, 0, 36

Previews

White Background



This preview shows how the RGB color 193, 200, 193 looks on a white background.

Color Contrast Check

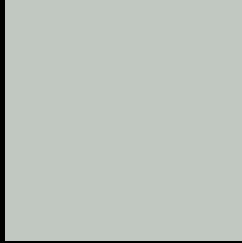
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 193, 200, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

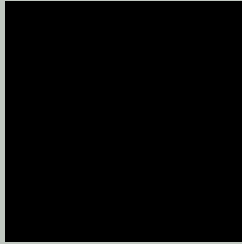
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

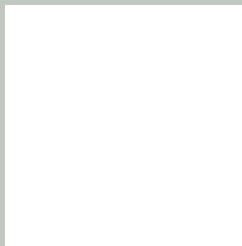
Any Text WCAG AAA ✓ Pass

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

RGB 193, 200, 193 Background



This preview shows how black text looks on a background with the RGB color 193, 200, 193.



This preview shows how white text looks on a background with the RGB color 193, 200, 193.

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
193, 200, 193

Protanopia
203, 197, 191

Deuteranopia
218, 191, 195



Tritanopia
196, 197, 213

Trichromacy



Original Color

193, 200, 193

Protanomaly

199, 198, 192

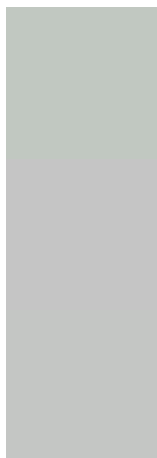
Deuteranomaly

209, 194, 194

Tritanomaly

195, 198, 206

Monochromacy



Original Color

193, 200, 193

Achromatopsia

197, 197, 197

Achromatomaly

196, 198, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 200, 193 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(193, 200, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 200, 193)  
}
```

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(193, 200, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 200, 193) }
```

Border

The CSS property to change the border of an element to RGB 193, 200, 193 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(193, 200, 193) }
```

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

```
.border{ border-color:rgb(193, 200, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 200, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 200, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 200, 193); box-shadow:4px 4px 4px 4px rgb(193, 200, 193) }
```

Background

The CSS property to change the background color of an element to RGB 193, 200, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 200, 193) }
```

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

```
.background{ background-color: rgb(193,  
200, 193) }
```

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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