

Converting Colors

RGB(196, 187, 196)

Have a look what the booklet for
RGB(196, 187, 196) contains.

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Color

RGB(196, 187, 196)

Conversions

Conversions Part 1

Format	Color
Hex	C4BBC4
RGB	196, 187, 196
RGB Percent	77%, 73%, 77%
CMY	0.2314, 0.2667, 0.2314
CMYK	0.00, 0.05, 0.00, 0.23
HSL	300°, 7%, 75%
HSV	300°, 5%, 77%
XYZ	50.4991, 51.2619, 59.4575
YIQ	190.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

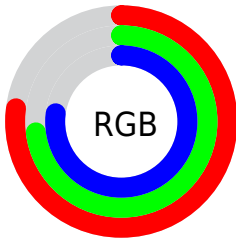
Format	Color
R _Y B	196, 187, 196
Decimal	12893124
CIE Lab	76.84, 4.80, -3.41
CIE LCh	77, 5.891, 324.649
Yxy	51.2619, 0.3132, 0.3180
Android (android.graphics.Color)	4291083204 (0xFFC4BBC4)
YUV	190.7170, 2.6045, 4.6332
Hunter-Lab	71.5974, 0.6040, 0.8813

Details

The RGB color **196, 187, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 196, 187**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **253, 243, 253**, and **142, 134, 142** is the 20% darker color. If you saturate the color by 10%, you get **196, 167, 196**, and if you desaturate by 10%, it is **196, 207, 196**.

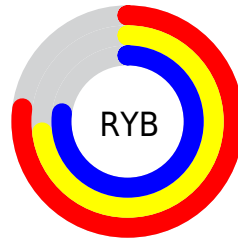
Distribution



Red (77%)

Green (73%)

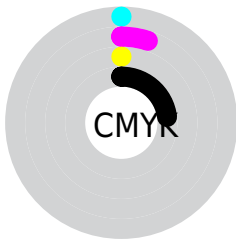
Blue (77%)



Red (77%)

Yellow (73%)

Blue (77%)

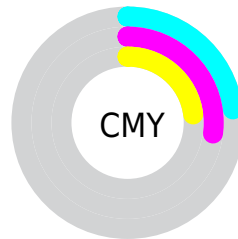


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the RGB color 196, 187, 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 RGB color 196, 187, 196 by changing the saturation by 10% instead.


 196, 187, 196

255, 255, 255

 253, 243, 253

 196, 187, 196

 169, 160, 169

 142, 134, 142

 117, 109, 117

 92, 84, 92

 69, 61, 69

 46, 39, 46

 26, 19, 26


 0, 0, 0

 196, 187, 196


 196, 187, 196

 196, 167, 196


 196, 207, 196

 196, 148, 196

 196, 226, 196

 196, 128, 196


 196, 246, 196

 196, 109, 196


 196, 255, 196

 196, 89, 196

 196, 69, 196

 196, 50, 196

 196, 30, 196

 196, 11, 196

Harmonies

Analogous

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



190, 189, 199



196, 187, 196



200, 186, 191

Triad

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



196, 187, 196



195, 189, 179



177, 193, 194

Complementary

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



196, 187, 196



187, 196, 187

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.



178, 193, 188



196, 187, 196



189, 191, 180

Square

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



196, 187, 196



200, 187, 181



183, 192, 183



178, 192, 198

Rectangle

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



196, 187, 196



202, 186, 187



183, 192, 183



177, 193, 192

Sweetspot

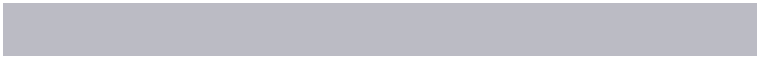
The Sweet Spot groups the original color and five complimentary colors.



196, 187, 196



255, 252, 255



187, 187, 196



128, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 187, 196



255, 240, 255



196, 187, 192



97, 90, 97



161, 0, 161



33, 0, 33

Inverse Universe

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



196, 187, 196



255, 240, 255



187, 196, 192



97, 90, 97



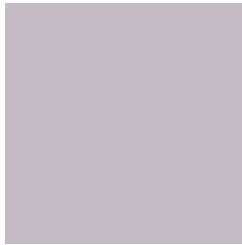
161, 0, 161



33, 0, 33

Previews

White Background



This preview shows how the RGB color 196, 187, 196 looks on a white background.

Color Contrast Check

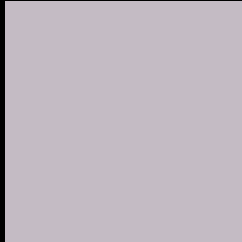
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 196, 187, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

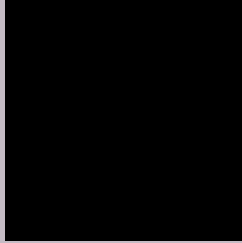
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

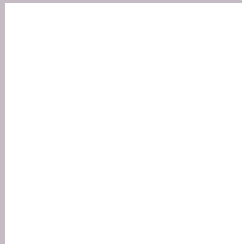
Any Text WCAG AAA ✓ Pass

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

RGB 196, 187, 196 Background



This preview shows how black text looks on a background with the RGB color 196, 187, 196.

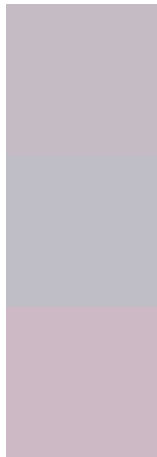


This preview shows how white text looks on a background with the RGB color 196, 187, 196.

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
196, 187, 196

Protanopia
191, 189, 197

Deuteranopia
205, 184, 197



Tritanopia
197, 186, 201

Trichromacy



Original Color

196, 187, 196

Protanomaly

193, 188, 197

Deuteranomaly

202, 185, 197

Tritanomaly

197, 186, 199

Monochromacy



Original Color

196, 187, 196

Achromatopsia

191, 191, 191

Achromatomaly

193, 190, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 187, 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(196, 187, 196) looks like.

```
.text, #text, p{  
    color:rgb(196, 187, 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(196, 187, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 187, 196) }
```

Border

The CSS property to change the border of an element to RGB 196, 187, 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(196, 187, 196) }
```

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

```
.border{ border-color:rgb(196, 187, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 187, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 187, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 187, 196);  
box-shadow:4px 4px 4px 4px rgb(196, 187,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 196, 187, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 187, 196) }
```

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

```
.background{ background-color: rgb(196,  
187, 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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