

Converting Colors

`RYB(188, 196, 179)`

Have a look what the booklet for RYB(188, 196, 179) contains.

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Color

R_YB(188, 196, 179)

Conversions

Conversions Part 1

Format	Color
Hex	C4BEB3
RGB	196, 190, 179
RGB Percent	77%, 75%, 70%
CMY	0.2314, 0.2544, 0.2980
CMYK	0.00, 0.03, 0.09, 0.23
HSL	39°, 13%, 74%
HSV	39°, 9%, 77%
XYZ	49.3401, 51.8674, 50.0587
YIQ	190.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

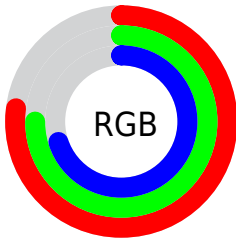
Format	Color
RYB	188, 196, 179
Decimal	12893875
CIELab	77.20, 0.11, 6.33
CIELCh	77, 6.333, 88.975
Yxy	51.8674, 0.3262, 0.3429
Android (android.graphics.Color)	4291083955 (0xFFC4BEB3)
YUV	190.5400, -5.6892, 4.7884
Hunter-Lab	72.0190, -3.7432, 9.2022

Details

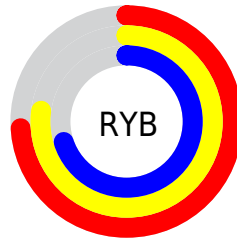
The RYB color **188, 196, 179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **179, 183, 196**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **246, 253, 235**, and **133, 142, 126** is the 20% darker color. If you saturate the color by 10%, you get **179, 196, 159**, and if you desaturate by 10%, it is **196, 197, 199**.

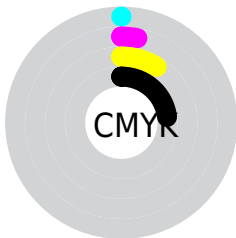
Distribution



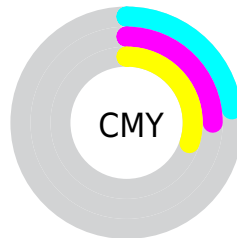
- Red (77%)
- Green (75%)
- Blue (70%)



- Red (74%)
- Yellow (77%)
- Blue (70%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (23%)



- Cyan (23%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 196, 179 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 188, 196, 179 by changing the saturation by 10% instead.


 188, 196, 179

255, 255, 255

 246, 253, 235


 188, 196, 179

 161, 169, 152

 133, 142, 126

 111, 117, 101

 85, 92, 77

 61, 68, 55

 39, 46, 33

 16, 26, 11

 0, 0, 0

 188, 196, 179

 188, 196, 179

■ 179, 196, 159

■ 196, 197, 199

■ 169, 196, 140

■ 196, 202, 218

■ 160, 196, 120

■ 196, 207, 238

■ 152, 196, 101

■ 196, 211, 255

■ 142, 196, 81

■ 196, 215, 255

■ 133, 196, 61

■ 196, 218, 255

■ 123, 196, 42

■ 196, 221, 255

■ 114, 196, 22

■ 196, 222, 255

■ 106, 196, 3

■ 196, 224, 255

Harmonies

Analogous

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



201, 192, 181



188, 196, 179



180, 192, 183

Triad

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



188, 196, 179



177, 186, 196



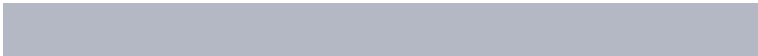
198, 188, 197

Complementary

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



188, 196, 179



179, 183, 196

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.



192, 189, 201



188, 196, 179



179, 187, 200

Square

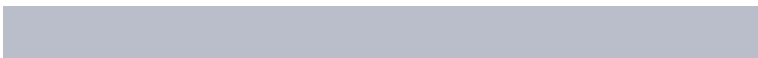
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188, 196, 179



178, 187, 194



185, 189, 202



203, 187, 191

Rectangle

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



188, 196, 179



183, 193, 191



185, 189, 202



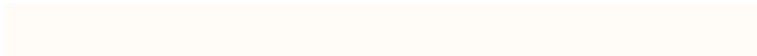
196, 188, 198

Sweetspot

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



188, 196, 179



252, 255, 247



196, 179, 185



125, 128, 122



0, 0, 0



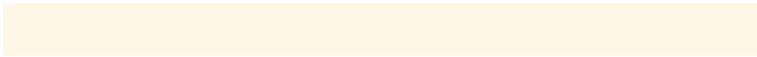
128, 128, 128

Same Dimension

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



188, 196, 179



244, 255, 230



179, 196, 182



91, 97, 87



86, 161, 0



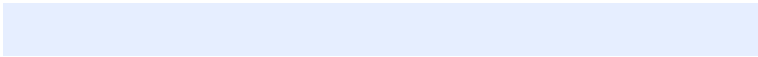
17, 33, 0

Inverse Universe

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



179, 183, 196



230, 236, 255



182, 179, 196



87, 90, 97



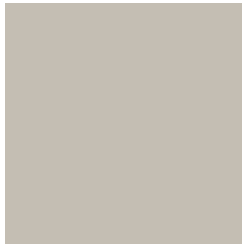
0, 42, 161



0, 8, 33

Previews

White Background



This preview shows how the RYB color 188, 196, 179 looks on a white background.

Color Contrast Check

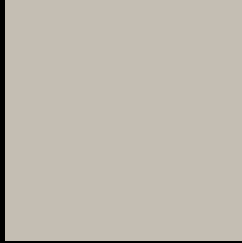
Large Text (above 18pt) WCAG AA × Fail

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 188, 196, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

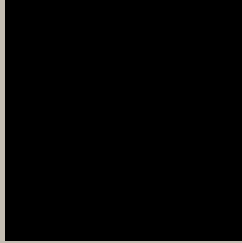
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

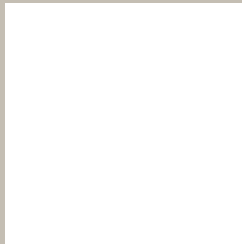
Any Text WCAG AAA ✓ Pass

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

RYB 188, 196, 179 Background



This preview shows how black text looks on a background with the RYB color 188, 196, 179.

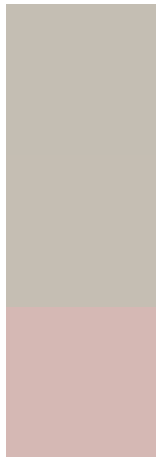


This preview shows how white text looks on a background with the RYB color 188, 196, 179.

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
188, 196, 179

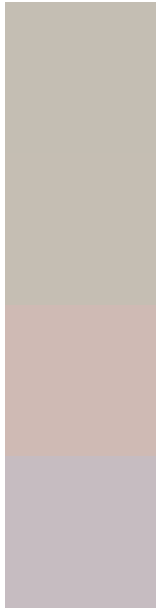
Protanopia
190, 197, 179

Deuteranopia
213, 185, 180



Tritanopia
199, 187, 201

Trichromacy



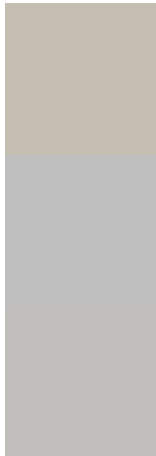
Original Color
188, 196, 179

Protanomaly
190, 197, 179

Deuteranomaly
207, 188, 180

Tritanomaly
198, 188, 193

Monochromacy



Original Color
188, 196, 179

Achromatopsia
191, 191, 191

Achromatomaly
190, 193, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 196, 179 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, 190, 179) looks like.

```
.text, #text, p{  
    color:rgb(196, 190, 179)  
}
```

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, 190, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 190, 179) }
```

Border

The CSS property to change the border of an element to RYB 188, 196, 179 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, 190, 179) }
```

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

```
.border{ border-color:rgb(196, 190, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 190, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 190, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 190, 179);  
box-shadow:4px 4px 4px 4px rgb(196, 190,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 188, 196, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 190, 179) }
```

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

```
.background{ background-color: rgb(196,  
190, 179) }
```

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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