

Converting Colors

`RYB(198, 183, 179)`

Have a look what the booklet for
RYB(198, 183, 179) contains.

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Color

R_YB(198, 183, 179)

Conversions

Conversions Part 1

Format	Color
Hex	C6B6B3
RGB	198, 182, 179
RGB Percent	78%, 71%, 70%
CMY	0.2235, 0.2851, 0.2980
CMYK	0.00, 0.08, 0.10, 0.22
HSL	10°, 14%, 74%
HSV	10°, 10%, 78%
XYZ	48.2157, 48.8411, 49.5339
YIQ	186.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

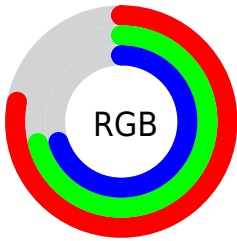
Format	Color
RYB	198, 183, 179
Decimal	13022899
CIELab	75.35, 5.01, 3.68
CIElCh	75, 6.217, 36.348
Yxy	48.8411, 0.3289, 0.3332
Android (android.graphics.Color)	4291212979 (0xFFC6B6B3)
YUV	186.4420, -3.6689, 10.1364
Hunter-Lab	69.8864, 0.8487, 6.8971

Details

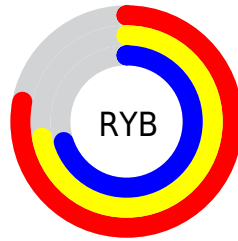
The RYB color **198, 183, 179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **179, 188, 198**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 239, 235**, and **144, 130, 126** is the 20% darker color. If you saturate the color by 10%, you get **198, 168, 159**, and if you desaturate by 10%, it is **198, 199, 199**.

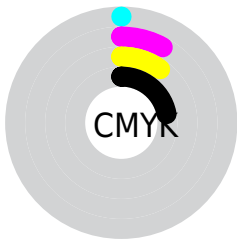
Distribution



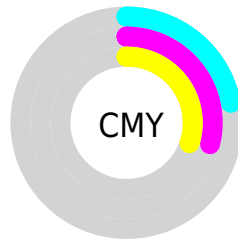
- Red (78%)
- Green (71%)
- Blue (70%)



- Red (78%)
- Yellow (72%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 183, 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 198, 183, 179 by changing the saturation by 10% instead.


 198, 183, 179

255, 255, 255

 255, 239, 235

 198, 183, 179

 171, 156, 152

 144, 130, 126

 118, 105, 101

 94, 81, 77


 70, 57, 55

 47, 37, 33

 27, 16, 11

 0, 0, 0

 198, 183, 179

 198, 183, 179

 198, 168, 159


 198, 199, 199

 198, 153, 139


 198, 207, 219

 198, 136, 120

 198, 216, 238

 198, 121, 100

 198, 225, 255

 198, 106, 80

 198, 227, 255

 198, 89, 60

 198, 74, 40

 198, 57, 21

 198, 42, 1

Harmonies

Analogous

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



198, 182, 185



198, 183, 179



195, 191, 175

Triad

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



198, 183, 179



176, 185, 189



181, 185, 197

Complementary

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



198, 183, 179



179, 188, 198

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.



175, 183, 196



198, 183, 179



173, 182, 189

Square

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



198, 183, 179



176, 187, 180



172, 181, 192



188, 184, 195

Rectangle

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



198, 183, 179



183, 191, 174



172, 181, 192



179, 184, 197

Sweetspot

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



198, 183, 179



255, 250, 247



198, 179, 195



128, 123, 122



0, 0, 0



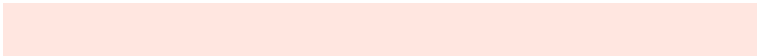
128, 128, 128

Same Dimension

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



198, 183, 179



255, 231, 224



188, 198, 179



99, 91, 90



163, 34, 0



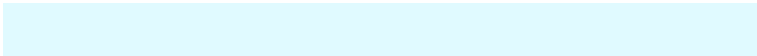
36, 7, 0

Inverse Universe

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



179, 188, 198



224, 238, 255



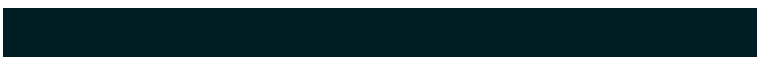
179, 184, 198



90, 94, 99



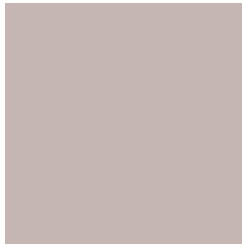
0, 74, 163



0, 16, 36

Previews

White Background



This preview shows how the RYB color 198, 183, 179 looks on a white background.

Color Contrast Check

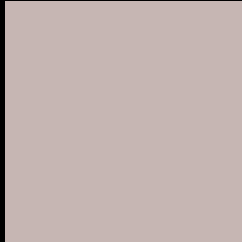
Large Text (above 18pt) WCAG AA × Fail

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 198, 183, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

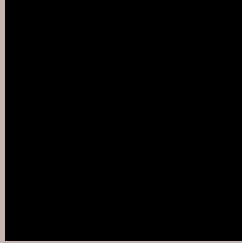
Any Text WCAG AA ✓ Pass

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 198, 183, 179 Background



This preview shows how black text looks on a background with the RYB color 198, 183, 179.



This preview shows how white text looks on a background with the RYB color 198, 183, 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
198, 183, 179

Protanopia
190, 190, 180

Deuteranopia
206, 179, 180



Tritanopia
200, 180, 194

Trichromacy



Original Color

198, 183, 179

Protanomaly

193, 186, 180

Deuteranomaly

203, 180, 180

Tritanomaly

199, 181, 189

Monochromacy



Original Color

198, 183, 179

Achromatopsia

187, 187, 187

Achromatomaly

191, 185, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 183, 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(198, 182, 179) looks like.

```
.text, #text, p{  
    color:rgb(198, 182, 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(198, 182, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 182, 179) }
```

Border

The CSS property to change the border of an element to RYB 198, 183, 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(198, 182, 179) }
```

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

```
.border{ border-color:rgb(198, 182, 179) }
```

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

Here you see how a box with a 4 pixel rgb(198, 182, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 182, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 182, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 182,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 198, 183, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 182, 179) }
```

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

```
.background{ background-color: rgb(198,  
182, 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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