

Converting Colors

`RYB(193, 183, 176)`

Have a look what the booklet for
RYB(193, 183, 176) contains.

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Color

R_YB(193, 183, 176)

Conversions

Conversions Part 1

Format	Color
Hex	C1B5B0
RGB	193, 181, 176
RGB Percent	76%, 71%, 69%
CMY	0.2431, 0.2904, 0.3098
CMYK	0.00, 0.06, 0.09, 0.24
HSL	18°, 12%, 72%
HSV	18°, 9%, 76%
XYZ	46.3442, 47.5028, 47.8007
YIQ	184.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

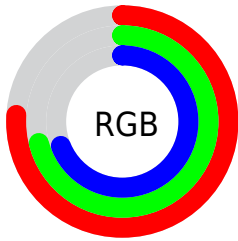
Format	Color
RYB	193, 183, 176
Decimal	12694960
CIELab	74.51, 3.41, 4.05
CIELCh	75, 5.293, 49.895
Yxy	47.5028, 0.3272, 0.3354
Android (android.graphics.Color)	4290885040 (0xFFC1B5B0)
YUV	184.0180, -3.9529, 7.8772
Hunter-Lab	68.9223, -0.5885, 7.1254

Details

The RYB color **193, 183, 176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **176, 183, 193**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **249, 239, 232**, and **139, 129, 124** is the 20% darker color. If you saturate the color by 10%, you get **193, 171, 157**, and if you desaturate by 10%, it is **193, 194, 195**.

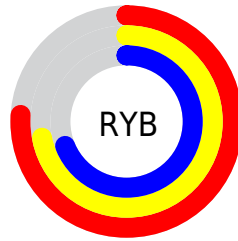
Distribution



Red (76%)

Green (71%)

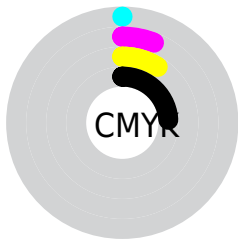
Blue (69%)



Red (76%)

Yellow (72%)

Blue (69%)

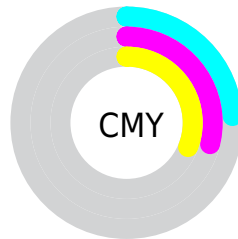


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 183, 176 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 193, 183, 176 by changing the saturation by 10% instead.

 193, 183, 176


255, 255, 255

 249, 239, 232

 193, 183, 176

 166, 156, 149

 139, 129, 124

 114, 104, 99

 89, 81, 75

 66, 58, 52

 44, 37, 31

 24, 16, 7

 0, 0, 0

 193, 183, 176


 193, 183, 176

 193, 171, 157


 193, 194, 195

 193, 161, 137


 193, 202, 215

 193, 149, 118


 193, 210, 234

 193, 137, 99


 193, 218, 253

 193, 127, 80

 193, 222, 255

 193, 115, 60

 193, 224, 255

 193, 103, 41

 193, 93, 22

 193, 81, 2

Harmonies

Analogous

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



194, 180, 180



193, 183, 176



187, 189, 174

Triad

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



193, 183, 176



174, 182, 186



182, 183, 192

Complementary

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



193, 183, 176



176, 183, 193

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.



177, 182, 193



193, 183, 176



172, 179, 186

Square

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



193, 183, 176



177, 185, 184



173, 181, 191



188, 181, 190

Rectangle

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



193, 183, 176



178, 186, 174



173, 181, 191



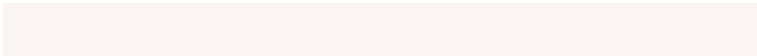
180, 182, 193

Sweetspot

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



193, 183, 176



250, 247, 242



193, 176, 188



125, 121, 120



252, 252, 252



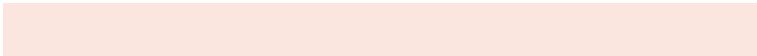
125, 125, 125

Same Dimension

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



193, 183, 176



250, 233, 222



181, 193, 176



97, 91, 87



161, 66, 0



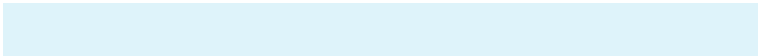
33, 14, 0

Inverse Universe

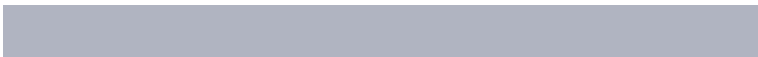
The Inverse Universe completely reimagines the original color for something new.



176, 183, 193



222, 234, 250



176, 179, 193



87, 91, 97



0, 67, 161



0, 14, 33

Previews

White Background



This preview shows how the RYB color 193, 183, 176 looks on a white background.

Color Contrast Check

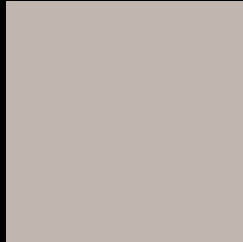
Large Text (above 18pt) WCAG AA × Fail

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 193, 183, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

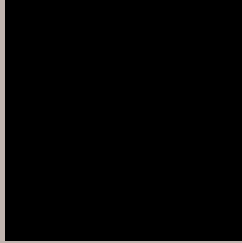
Any Text WCAG AA ✓ Pass

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 193, 183, 176 Background



This preview shows how black text looks on a background with the RYB color 193, 183, 176.



This preview shows how white text looks on a background with the RYB color 193, 183, 176.

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, 183, 176

Protanopia
186, 188, 177

Deuteranopia
203, 177, 177



Tritanopia
195, 178, 192

Trichromacy



Original Color

193, 183, 176

Protanomaly

190, 185, 177

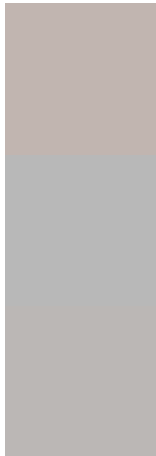
Deuteranomaly

199, 178, 177

Tritanomaly

194, 179, 186

Monochromacy



Original Color

193, 183, 176

Achromatopsia

184, 184, 184

Achromatomaly

187, 184, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 181, 176 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, 181, 176) looks like.

```
.text, #text, p{  
    color:rgb(193, 181, 176)  
}
```

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, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 181, 176) }
```

Border

The CSS property to change the border of an element to RYB 193, 183, 176 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, 181, 176) }
```

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

```
.border{ border-color:rgb(193, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(193, 181,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 193, 183, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 181, 176) }
```

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

```
.background{ background-color: rgb(193,  
181, 176) }
```

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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