

Converting Colors

`RYB(193, 173, 184)`

Have a look what the booklet for
RYB(193, 173, 184) contains.

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Color

R_YB(193, 173, 184)

Conversions

Conversions Part 1

Format	Color
Hex	C1ADB8
RGB	193, 173, 184
RGB Percent	76%, 68%, 72%
CMY	0.2431, 0.3216, 0.2784
CMYK	0.00, 0.10, 0.05, 0.24
HSL	327°, 14%, 72%
HSV	327°, 10%, 76%
XYZ	45.5876, 44.6853, 51.5698
YIQ	180.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

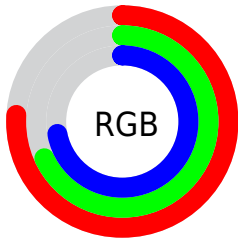
Format	Color
RYB	193, 173, 184
Decimal	12692920
CIELab	72.68, 9.13, -2.99
CIElCh	73, 9.606, 341.835
Yxy	44.6853, 0.3214, 0.3150
Android (android.graphics.Color)	4290883000 (0xFFC1ADB8)
YUV	180.2340, 1.8566, 11.1958
Hunter-Lab	66.8471, 4.7491, 1.0531

Details

The RYB color **193, 173, 184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **173, 187, 193**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **250, 228, 240**, and **139, 121, 131** is the 20% darker color. If you saturate the color by 10%, you get **193, 154, 175**, and if you desaturate by 10%, it is **193, 192, 193**.

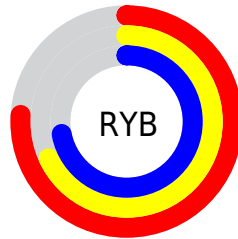
Distribution



Red (76%)

Green (68%)

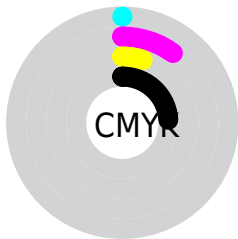
Blue (72%)



Red (76%)

Yellow (68%)

Blue (72%)

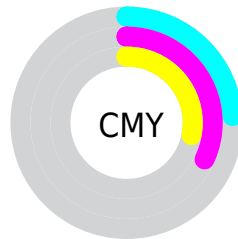


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 173, 184 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, 173, 184 by changing the saturation by 10% instead.

 193, 173, 184

255, 255, 255

 250, 228, 240

 193, 173, 184

 166, 146, 157

 139, 121, 131

 114, 96, 106

 89, 72, 82

 66, 50, 59

 43, 28, 37

 24, 3, 16


 0, 0, 0

 193, 173, 184

 193, 173, 184

 193, 154, 175


 193, 192, 193

 193, 134, 167


 193, 206, 212

 193, 115, 158


 193, 219, 231

 193, 96, 149


 193, 232, 250

 193, 77, 141


 193, 233, 255

 193, 57, 132

 193, 230, 255

 193, 38, 123

 193, 227, 255

 193, 19, 115

 193, 225, 255

 193, 0, 106

 193, 224, 255

Harmonies

Analogous

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



184, 175, 191



193, 173, 184



197, 172, 175

Triad

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



193, 173, 184



165, 182, 161



157, 172, 190

Complementary

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



193, 173, 184



173, 187, 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.



157, 171, 184



193, 173, 184



165, 181, 174

Square

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



193, 173, 184



191, 189, 162



163, 176, 183



163, 175, 195

Rectangle

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



193, 173, 184



197, 174, 169



163, 176, 183



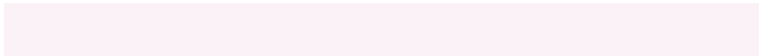
157, 171, 187

Sweetspot

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



193, 173, 184



250, 242, 247



182, 173, 193



125, 120, 123



252, 252, 252



125, 125, 125

Same Dimension

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



193, 173, 184



250, 220, 236



193, 173, 174



97, 87, 93



161, 0, 88



33, 0, 18

Inverse Universe

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



193, 173, 184



250, 220, 236



173, 183, 193



97, 87, 93



161, 0, 88



33, 0, 18

Previews

White Background



This preview shows how the RYB color 193, 173, 184 looks on a white background.

Color Contrast Check

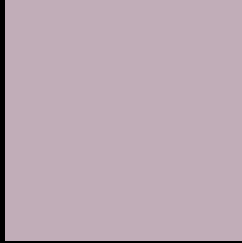
Large Text (above 18pt) WCAG AA × Fail

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, 173, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

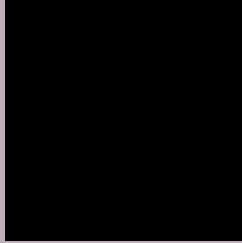
Any Text WCAG AA ✓ Pass

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, 173, 184 Background



This preview shows how black text looks on a background with the RYB color 193, 173, 184.



This preview shows how white text looks on a background with the RYB color 193, 173, 184.

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, 173, 184

Protanopia
179, 177, 187

Deuteranopia
193, 173, 184



Tritanopia
193, 173, 186

Trichromacy



Original Color

193, 173, 184

Protanomaly

184, 176, 186

Deuteranomaly

193, 173, 184

Tritanomaly

193, 173, 185

Monochromacy



Original Color

193, 173, 184

Achromatopsia

180, 180, 180

Achromatomaly

185, 177, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 173, 184 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, 173, 184) looks like.

```
.text, #text, p{  
    color:rgb(193, 173, 184)  
}
```

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, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 173, 184) }
```

Border

The CSS property to change the border of an element to RYB 193, 173, 184 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, 173, 184) }
```

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

```
.border{ border-color:rgb(193, 173, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(193, 173,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 193, 173, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 173, 184) }
```

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

```
.background{ background-color: rgb(193,  
173, 184) }
```

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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