

Converting Colors

`RYB(190, 185, 194)`

Have a look what the booklet for
RYB(190, 185, 194) contains.

RYB(190, 185, 194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(190, 185, 194)

Conversions

Conversions Part 1

Format	Color
Hex	BEB9C2
RGB	190, 185, 194
RGB Percent	75%, 73%, 76%
CMY	0.2549, 0.2745, 0.2392
CMYK	0.02, 0.05, 0.00, 0.24
HSL	273°, 7%, 74%
HSV	273°, 5%, 76%
XYZ	48.3218, 49.5401, 58.0543
YIQ	187.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

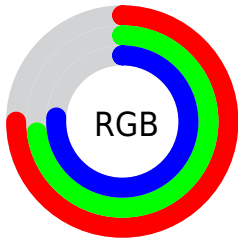
Format	Color
RYB	190, 185, 194
Decimal	12499394
CIELab	75.79, 3.43, -3.92
CIELCh	76, 5.212, 311.153
Yxy	49.5401, 0.3099, 0.3177
Android (android.graphics.Color)	4290689474 (0xFFBEB9C2)
YUV	187.5210, 3.1941, 2.1741
Hunter-Lab	70.3847, -0.6263, 0.3661

Details

The RYB color **190, 185, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **185, 194, 190**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **246, 241, 250**, and **137, 132, 140** is the 20% darker color. If you saturate the color by 10%, you get **181, 166, 194**, and if you desaturate by 10%, it is **194, 204, 199**.

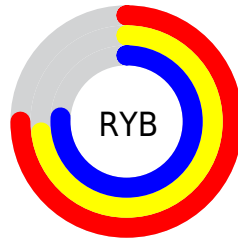
Distribution



Red (75%)

Green (73%)

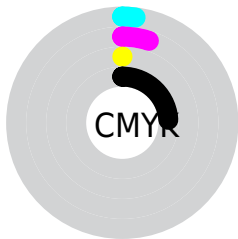
Blue (76%)



Red (75%)

Yellow (73%)

Blue (76%)

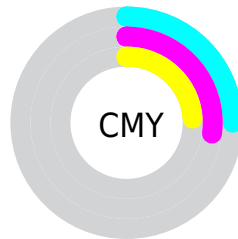


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 185, 194 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 190, 185, 194 by changing the saturation by 10% instead.

■ 190, 185, 194

255, 255, 255

■ 246, 241, 250

■ 190, 185, 194

■ 163, 158, 167

■ 137, 132, 140

■ 111, 107, 115

■ 87, 83, 90

■ 64, 60, 67


■ 42, 38, 45

■ 21, 17, 24

■ 0, 0, 0

■ 190, 185, 194


■ 190, 185, 194

 181, 166, 194

 194, 204, 199

 173, 146, 194

 194, 224, 211

 164, 127, 194

 194, 243, 221

 156, 107, 194

 194, 255, 225

 147, 88, 194


 194, 255, 216

 138, 69, 194

 194, 255, 207

 130, 49, 194

 194, 255, 199

 121, 30, 194

 194, 255, 194

 112, 10, 194

Harmonies

Analogous

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



184, 186, 196



190, 185, 194



195, 184, 190

Triad

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



190, 185, 194



194, 190, 178



176, 184, 190

Complementary

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



190, 185, 194



185, 194, 190

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, 186, 189



190, 185, 194



179, 189, 177

Square

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



190, 185, 194



197, 185, 181



179, 188, 184



176, 183, 193

Rectangle

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



190, 185, 194



197, 184, 187



179, 188, 184



176, 184, 190

Sweetspot

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



190, 185, 194



251, 250, 252



185, 188, 194



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 185, 194



246, 237, 252



194, 185, 194



94, 90, 97



89, 0, 161



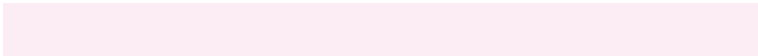
18, 0, 33

Inverse Universe

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



194, 185, 189



252, 237, 244



185, 194, 194



97, 90, 93



161, 0, 71



33, 0, 15

Previews

White Background



This preview shows how the RYB color 190, 185, 194 looks on a white background.

Color Contrast Check

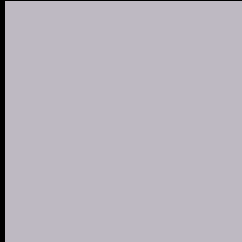
Large Text (above 18pt) WCAG AA × Fail

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 190, 185, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

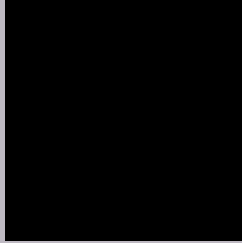
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

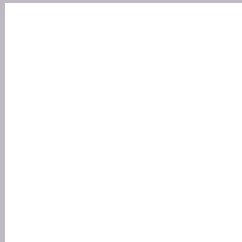
Any Text WCAG AAA ✓ Pass

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

RYB 190, 185, 194 Background



This preview shows how black text looks on a background with the RYB color 190, 185, 194.

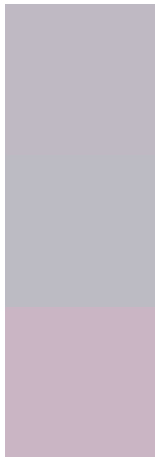


This preview shows how white text looks on a background with the RYB color 190, 185, 194.

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
190, 185, 194

Protanopia
188, 186, 194

Deuteranopia
201, 181, 195



Tritanopia
191, 184, 199

Trichromacy



Original Color

190, 185, 194

Protanomaly

189, 186, 194

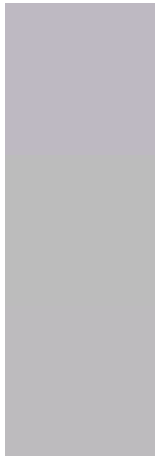
Deuteranomaly

197, 182, 195

Tritanomaly

191, 184, 197

Monochromacy



Original Color

190, 185, 194

Achromatopsia

188, 188, 188

Achromatomaly

189, 187, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 185, 194 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(190, 185, 194) looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 194)  
}
```

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(190, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 194) }
```

Border

The CSS property to change the border of an element to RYB 190, 185, 194 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(190, 185, 194) }
```

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

```
.border{ border-color:rgb(190, 185, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 190, 185, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 194) }
```

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

```
.background{ background-color: rgb(190,  
185, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor