

Converting Colors

`RYB(194, 185, 185)`

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

RYB(194, 185, 185)	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

$\text{RYB}(194, 185, 185)$

Conversions

Conversions Part 1

Format	Color
Hex	C2B9B9
RGB	194, 185, 185
RGB Percent	76%, 73%, 73%
CMY	0.2392, 0.2745, 0.2745
CMYK	0.00, 0.05, 0.05, 0.24
HSL	0°, 7%, 74%
HSV	0°, 5%, 76%
XYZ	48.3541, 49.6700, 52.9377
YIQ	187.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

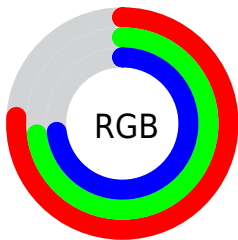
Format	Color
RYB	194, 185, 185
Decimal	12761529
CIELab	75.87, 3.17, 1.13
CIElCh	76, 3.367, 19.525
Yxy	49.6700, 0.3203, 0.3290
Android (android.graphics.Color)	4290951609 (0xFFC2B9B9)
YUV	187.6910, -1.3267, 5.5330
Hunter-Lab	70.4770, -0.8664, 4.7991

Details

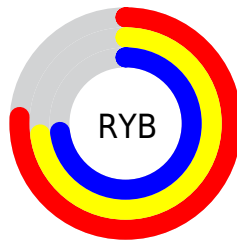
The RYB color **194, 185, 185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **185, 190, 194**, and the grayscale version is **188, 188, 188**.

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

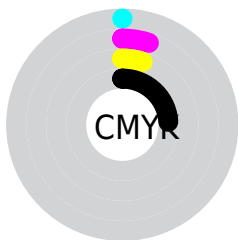
Distribution



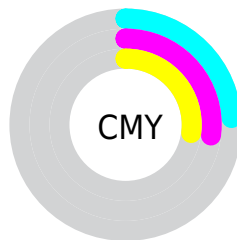
- Red (76%)
- Green (73%)
- Blue (73%)



- Red (76%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (24%)




- Cyan (24%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 194, 185, 185

255, 255, 255

 250, 241, 241

 194, 185, 185

 167, 158, 158

 140, 132, 132

 115, 107, 107


 90, 83, 83


 67, 60, 60


 45, 38, 38

 24, 17, 17

 0, 0, 0

 194, 185, 185

 194, 185, 185

 194, 166, 166

 194, 199, 204

 194, 146, 146

 194, 209, 224

 194, 127, 127

 194, 219, 243

 194, 107, 107

 194, 225, 255

 194, 88, 88

 194, 69, 69

 194, 49, 49

 194, 30, 30

 194, 10, 10

Harmonies

Analogous

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



193, 185, 188



194, 185, 185



193, 186, 182

Triad

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



194, 185, 185



183, 188, 187



183, 186, 193

Complementary

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



194, 185, 185



185, 190, 194

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.



180, 185, 192



194, 185, 185



181, 186, 189

Square

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



194, 185, 185



181, 187, 181



180, 185, 189



186, 187, 193

Rectangle

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



194, 185, 185



192, 190, 181



180, 185, 189



182, 186, 193

Sweetspot

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



194, 185, 185



252, 250, 250



194, 185, 194



128, 126, 126



0, 0, 0



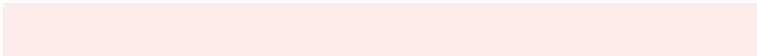
128, 128, 128

Same Dimension

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



194, 185, 185



252, 237, 237



194, 192, 185



97, 90, 90



161, 0, 0



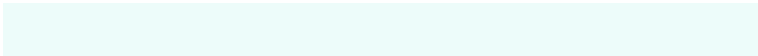
33, 0, 0

Inverse Universe

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



185, 190, 194



237, 245, 252



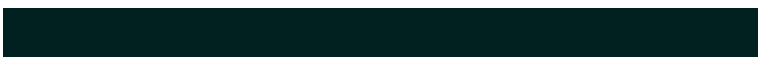
185, 188, 194



90, 94, 97



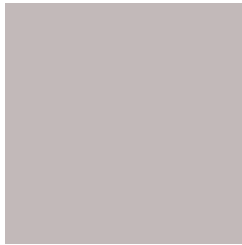
0, 81, 161



0, 17, 33

Previews

White Background



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

Color Contrast Check

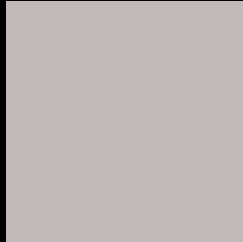
Large Text (above 18pt) WCAG AA × Fail

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 194, 185, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

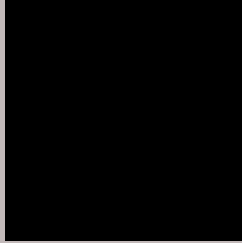
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

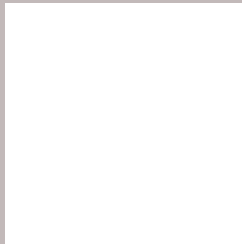
Any Text WCAG AAA ✓ Pass

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

R Y B 194, 185, 185 Background



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

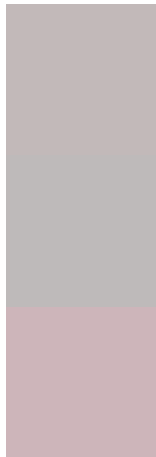


This preview shows how white text looks on a background with the RYB color 194, 185, 185.

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
194, 185, 185

Protanopia
190, 186, 186

Deuteranopia
205, 181, 186



Tritanopia
196, 183, 197

Trichromacy



Original Color

194, 185, 185

Protanomaly

191, 186, 186

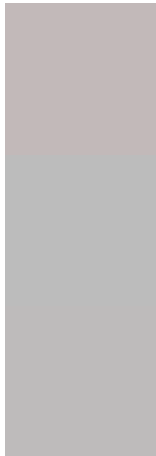
Deuteranomaly

201, 182, 186

Tritanomaly

195, 184, 193

Monochromacy



Original Color

194, 185, 185

Achromatopsia

188, 188, 188

Achromatomaly

190, 187, 187

CSS Examples

Text

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

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

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

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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