

Converting Colors

`RYB(195, 200, 195)`

Have a look what the booklet for
RYB(195, 200, 195) contains.

RYB(195, 200, 195)	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

RYB(195, 200, 195)

Conversions

Conversions Part 1

Format	Color
Hex	C8C8C3
RGB	200, 200, 195
RGB Percent	78%, 78%, 76%
CMY	0.2157, 0.2157, 0.2353
CMYK	0.00, 0.00, 0.03, 0.22
HSL	60°, 4%, 77%
HSV	60°, 3%, 78%
XYZ	54.3240, 57.5280, 59.8706
YIQ	199.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

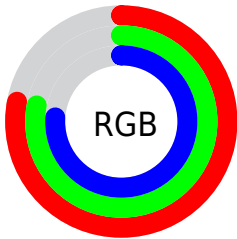
Format	Color
RYB	195, 200, 195
Decimal	13158595
CIELab	80.48, -0.90, 2.49
CIELCh	80, 2.645, 109.916
Yxy	57.5280, 0.3163, 0.3350
Android (android.graphics.Color)	4291348675 (0xFFC8C8C3)
YUV	199.4300, -2.1840, 0.4999
Hunter-Lab	75.8472, -4.8857, 6.2921

Details

The RYB color **195, 200, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 195, 200**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is 252, 255, 252, and **141, 146, 141** is the 20% darker color. If you saturate the color by 10%, you get **175, 200, 175**, and if you desaturate by 10%, it is **200, 200, 215**.

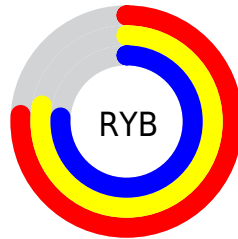
Distribution



Red (78%)

Green (78%)

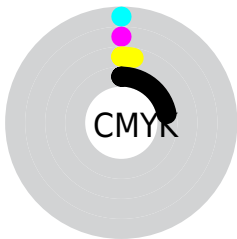
Blue (76%)



Red (76%)

Yellow (78%)

Blue (76%)

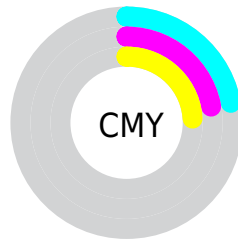


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 200, 195 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 195, 200, 195 by changing the saturation by 10% instead.

■ 195, 200, 195

255, 255, 255

252, 255, 252

■ 195, 200, 195

■ 168, 173, 168

■ 141, 146, 141

■ 116, 120, 116

■ 91, 96, 91

■ 68, 72, 68

■ 46, 50, 46

■ 25, 29, 25

■ 0, 2, 2

■ 0, 0, 0

■ 195, 200, 195

■ 195, 200, 195

■ 175, 200, 175

■ 200, 200, 215

■ 155, 200, 155

■ 200, 200, 235

■ 135, 200, 135

■ 200, 200, 255

■ 115, 200, 115

■ 95, 200, 95

■ 75, 200, 75

■ 55, 200, 55

■ 35, 200, 35

■ 15, 200, 15

Harmonies

Analogous

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



203, 203, 195



195, 200, 195



196, 201, 200

Triad

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



195, 200, 195



194, 198, 203



204, 198, 201

Complementary

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



195, 200, 195



195, 195, 200

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.



202, 199, 203



195, 200, 195



196, 199, 204

Square

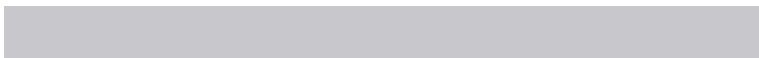
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



195, 200, 195



194, 198, 201



199, 199, 204



205, 198, 198

Rectangle

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



195, 200, 195



195, 199, 201



199, 199, 204



204, 198, 201

Sweetspot

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



195, 200, 195



252, 255, 252



200, 195, 195



126, 128, 126



0, 0, 0



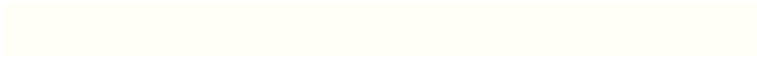
128, 128, 128

Same Dimension

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



195, 200, 195



247, 255, 247



195, 200, 197



95, 99, 95



0, 163, 0



0, 36, 0

Inverse Universe

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



195, 195, 200



247, 247, 255



198, 195, 200



95, 95, 99



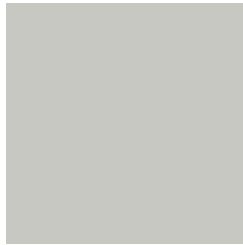
0, 0, 163



0, 0, 36

Previews

White Background



This preview shows how the RYB color 195, 200, 195 looks on a white background.

Color Contrast Check

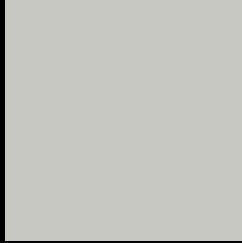
Large Text (above 18pt) WCAG AA × Fail

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 195, 200, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

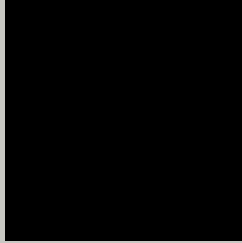
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

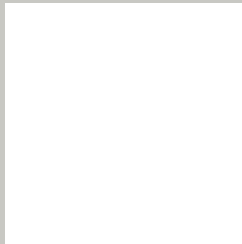
Any Text WCAG AAA ✓ Pass

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

R Y B 195, 200, 195 Background



This preview shows how black text looks on a background with the RYB color 195, 200, 195.



This preview shows how white text looks on a background with the RYB color 195, 200, 195.

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 195, 200, 195
	Protanopia 204, 204, 194
	Deuteranopia 220, 193, 196



Tritanopia
203, 197, 213

Trichromacy



Original Color

195, 200, 195

Protanomaly

201, 203, 194

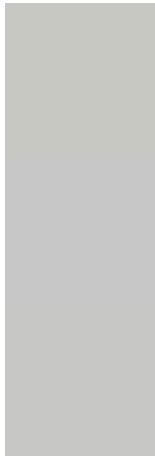
Deuteranomaly

213, 196, 196

Tritanomaly

202, 198, 206

Monochromacy



Original Color

195, 200, 195

Achromatopsia

199, 199, 199

Achromatomaly

198, 199, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 200, 195 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(200, 200, 195) looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 195)  
}
```

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(200, 200, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 195) }
```

Border

The CSS property to change the border of an element to RYB 195, 200, 195 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(200, 200, 195) }
```

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

```
.border{ border-color:rgb(200, 200, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 200, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 195);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 195, 200, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 195) }
```

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

```
.background{ background-color: rgb(200,  
200, 195) }
```

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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