

Converting Colors

`RYB(209, 209, 209)`

Have a look what the booklet for
RYB(209, 209, 209) contains.

RYB(209, 209, 209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	15
<i>Color Blindness Simulation</i>	18
<i>CSS Examples</i>	21

Color

$\text{RYB}(209, 209, 209)$

Conversions

Conversions Part 1

Format	Color
Hex	D1D1D1
RGB	209, 209, 209
RGB Percent	82%, 82%, 82%
CMY	0.1804, 0.1804, 0.1804
CMYK	0.00, 0.00, 0.00, 0.18
HSL	0°, 0%, 82%
HSV	0°, 0%, 82%
XYZ	60.6036, 63.7597, 69.4343
YIQ	209.0000, 0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
R _Y B	209, 209, 209
Decimal	13750737
CIE Lab	83.84, 0.00, -0.01
CIE LCh	84, 0.010, 296.813
Yxy	63.7597, 0.3127, 0.3290
Android (android.graphics.Color)	4291940817 (0xFFD1D1D1)
YUV	209.0000, 0.0000, 0.0000
Hunter-Lab	79.8497, -4.2606, 4.3384

Details

The RYB color **209, 209, 209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 209, 209**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 255, 255, and **155, 155, 155** is the 20% darker color. If you saturate the color by 10%, you get **209, 188, 188**, and if you desaturate by 10%, it is **209, 220, 230**.

Distribution



- Red (82%)
- Green (82%)
- Blue (82%)



- Red (82%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 209, 209 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 209, 209, 209 by changing the saturation by 10% instead.

 209, 209, 209


 209, 209, 209

255, 255, 255

 181, 181, 181

 155, 155, 155


 129, 129, 129

 104, 104, 104

 80, 80, 80

 57, 57, 57


 35, 35, 35

 14, 14, 14

 0, 0, 0

 209, 209, 209


 209, 209, 209

 209, 188, 188


 209, 220, 230


 209, 167, 167

 209, 230, 251

 209, 146, 146

 209, 232, 255

 209, 125, 125

 209, 105, 105

 209, 84, 84

 209, 63, 63

 209, 42, 42

 209, 21, 21

Harmonies

Sweetspot

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



209, 209, 209

255, 255, 255



128, 128, 128



0, 0, 0

Same Dimension

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



209, 209, 209

255, 255, 255



105, 105, 105



168, 0, 0



41, 0, 0

Inverse Universe

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



209, 209, 209

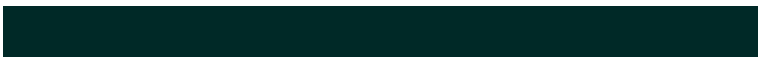
255, 255, 255



105, 105, 105



0, 84, 168



0, 21, 41

Previews

White Background



This preview shows how the RYB color 209, 209, 209 looks on a white background.

Color Contrast Check

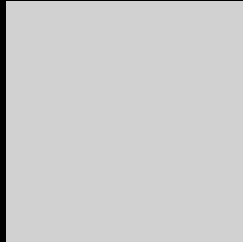
Large Text (above 18pt) WCAG AA × Fail

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 209, 209, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

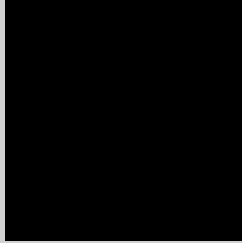
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

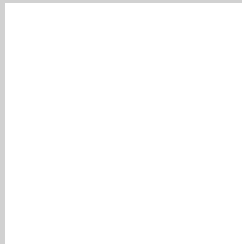
Any Text WCAG AAA ✓ Pass

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

RYB 209, 209, 209 Background



This preview shows how black text looks on a background with the RYB color 209, 209, 209.



This preview shows how white text looks on a background with the RYB color 209, 209, 209.

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](#).

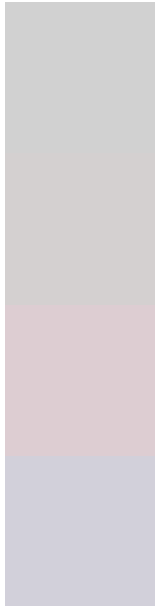
Dichromacy





Tritanopia
211, 207, 223

Trichromacy



Original Color

209, 209, 209

Protanomaly

212, 208, 208

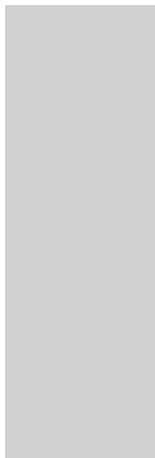
Deuteranomaly

221, 205, 210

Tritanomaly

210, 208, 218

Monochromacy



Original Color

209, 209, 209

Achromatopsia

209, 209, 209

Achromatomaly

209, 209, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 209, 209 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(209, 209, 209) looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 209)  
}
```

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(209, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 209) }
```

Border

The CSS property to change the border of an element to RYB 209, 209, 209 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(209, 209, 209) }
```

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

```
.border{ border-color:rgb(209, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 209, 209, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 209) }
```

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

```
.background{ background-color: rgb(209,  
209, 209) }
```

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