

Converting Colors

RGB(170, 170, 170)

Have a look what the booklet for
RGB(170, 170, 170) contains.

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Color

RGB(170, 170, 170)

Conversions

Conversions Part 1

Format	Color
Hex	AAAAAA
RGB	170, 170, 170
RGB Percent	67%, 67%, 67%
CMY	0.3333, 0.3333, 0.3333
CMYK	0.00, 0.00, 0.00, 0.33
HSL	0°, 0%, 67%
HSV	0°, 0%, 67%
XYZ	38.2080, 40.1978, 43.7754
YIQ	170.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

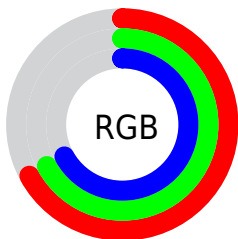
Format	Color
RYB	170, 170, 170
Decimal	11184810
CIELab	69.61, 0.00, -0.01
CIElCh	70, 0.009, 296.813
Yxy	40.1978, 0.3127, 0.3290
Android (android.graphics.Color)	4289374890 (0xFFAAAAAA)
YUV	170.0000, 0.0000, 0.0000
Hunter-Lab	63.4017, -3.3830, 3.4447

Details

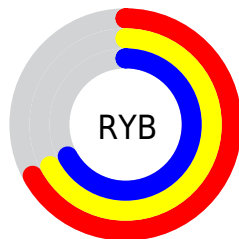
The RGB color **170, 170, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 170, 170**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **225, 225, 225**, and **118, 118, 118** is the 20% darker color. If you saturate the color by 10%, you get **170, 153, 153**, and if you desaturate by 10%, it is **170, 187, 187**.

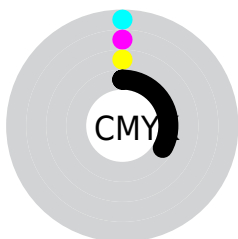
Distribution



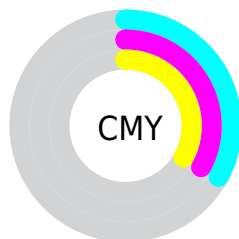
- Red (67%)
- Green (67%)
- Blue (67%)



- Red (67%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 170, 170 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 RGB color 170, 170, 170 by changing the saturation by 10% instead.


 170, 170, 170


255, 255, 255

 225, 225, 225


 254, 254, 254

 170, 170, 170

 144, 144, 144


 118, 118, 118


 93, 93, 93

 70, 70, 70


 47, 47, 47

 27, 27, 27


 0, 0, 0

 170, 170, 170


 170, 153, 153

 170, 170, 170


 170, 187, 187

 170, 136, 136

 170, 204, 204

 170, 119, 119

 170, 221, 221

 170, 102, 102

 170, 238, 238

 170, 85, 85

 170, 255, 255

 170, 68, 68

 170, 255, 255

 170, 51, 51

 170, 34, 34

 170, 17, 17

Harmonies

Sweetspot

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



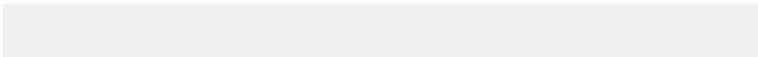
170, 170, 170



222, 222, 222



112, 112, 112



240, 240, 240

Same Dimension

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



170, 170, 170



222, 222, 222



84, 84, 84



148, 0, 0



20, 0, 0

Inverse Universe

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



170, 170, 170



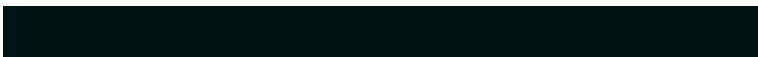
222, 222, 222



84, 84, 84



0, 148, 148



0, 20, 20

Previews

White Background



This preview shows how the RGB color 170, 170, 170 looks on a white background.

Color Contrast Check

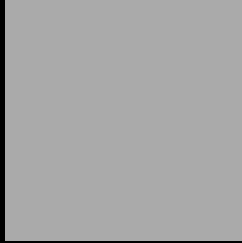
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 170, 170, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

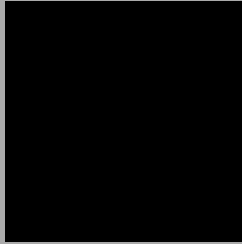
Any Text WCAG AA ✓ Pass

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](#).

RGB 170, 170, 170 Background



This preview shows how black text looks on a background with the RGB color 170, 170, 170.

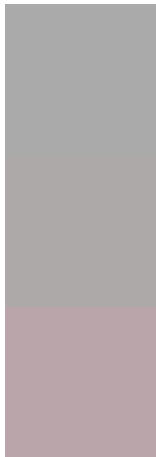


This preview shows how white text looks on a background with the RGB color 170, 170, 170.

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
170, 170, 170

Protanopia
173, 169, 169

Deuteranopia
186, 165, 171



Tritanopia
172, 168, 182

Trichromacy



Original Color

170, 170, 170

Protanomaly

172, 169, 169

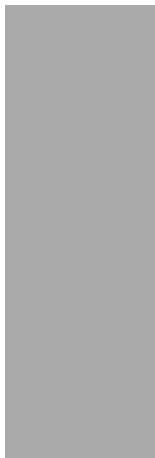
Deuteranomaly

180, 167, 171

Tritanomaly

171, 169, 178

Monochromacy



Original Color

170, 170, 170

Achromatopsia

170, 170, 170

Achromatomaly

170, 170, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 170, 170 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(170, 170, 170) looks like.

```
.text, #text, p{  
    color:rgb(170, 170, 170)  
}
```

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(170, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 170, 170) }
```

Border

The CSS property to change the border of an element to RGB 170, 170, 170 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(170, 170, 170) }
```

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

```
.border{ border-color:rgb(170, 170, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(170, 170,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 170, 170, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 170, 170) }
```

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

```
.background{ background-color: rgb(170,  
170, 170) }
```

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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