Converting Colors

RGB(170, 210, 210)

Have a look what the booklet for RGB(170, 210, 210) contains.

Color

RGB(170, 210, 210)

Conversions

Conversions Part 1

Format	Color
Hex	AAD2D2
RGB	170, 210, 210
RGB Percent	67%, 82%, 82%
CMY	0.3333, 0.1765, 0.1765
CMYK	0.19, 0.00, 0.00, 0.18
HSL	180°, 31%, 75%
HSV	180°, 19%, 82%
XYZ	51.2570, 59.2924, 69.7158
YIQ	198.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

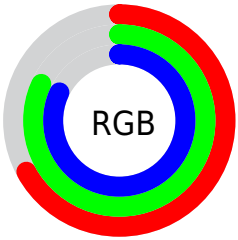
Format	Color
RYB	170, 190, 210
Decimal	11195090
CIELab	81.45, -13.07, -4.36
CIELCh	81, 13.778, 198.445
Yxy	59.2924, 0.2843, 0.3289
Android (android.graphics.Color)	4289385170 (0xFFAAD2D2)
YUV	198.0400, 5.8963, -24.5911
Hunter-Lab	77.0015, -15.9320, 0.2210

Details

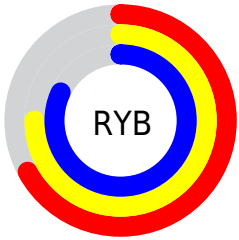
The RGB color 170, 210, 210 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 210, 170, 170, and the grayscale version is 198, 198, 198.

A 20% lighter version of the original color is 226, 255, 255, and 117, 155, 156 is the 20% darker color. If you saturate the color by 10%, you get 149, 210, 210, and if you desaturate by 10%, it is 191, 210, 210.

Distribution

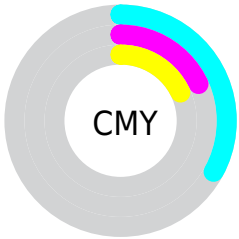


- Red (67%)
- Green (82%)
- Blue (82%)



- Red (67%)
- Yellow (75%)
- Blue (82%)

- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (33%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 210, 210 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, 210, 210 by changing the saturation by 10% instead.

170, 210, 210	170, 210, 210
255, 255, 255	143, 182, 182
226, 255, 255	117, 155, 156
255, 255, 255	92, 129, 130
	67, 104, 104
	43, 80, 80
	19, 57, 58
	0, 35, 36
	0, 11, 15
	0, 0, 0

170, 210, 210

149, 210, 210

128, 210, 210

107, 210, 210

86, 210, 210

65, 210, 210

44, 210, 210

23, 210, 210

2, 210, 210

0, 210, 210

170, 210, 210

191, 210, 210

212, 210, 210

233, 210, 210

254, 210, 210

255, 210, 210

Harmonies

Analogous

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

177, 210, 197

170, 210, 210

172, 208, 221

Triad

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

170, 210, 210

214, 197, 220

218, 200, 177

Complementary

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

170, 210, 210

210, 170, 170

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.

227, 196, 184

170, 210, 210

226, 194, 208

Square

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

170, 210, 210

199, 201, 227

230, 194, 195

204, 204, 178

Rectangle

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

170, 210, 210

179, 206, 226

230, 194, 195

222, 198, 179

Sweetspot

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

170, 210, 210

240, 255, 255

170, 210, 170

119, 128, 128

0, 0, 0

128, 128, 128

Same Dimension

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

170, 210, 210

196, 255, 255

170, 190, 210

94, 105, 105

0, 168, 168

0, 41, 41

Inverse Universe

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

210, 170, 210

255, 196, 255

210, 190, 170

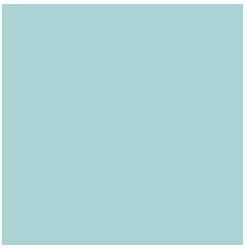
105, 94, 105

168, 0, 168

41, 0, 41

Previews

White Background

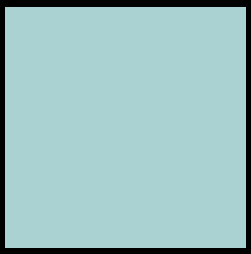


This preview shows how the RGB color 170, 210, 210 looks on a white background.

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



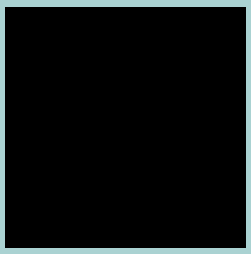
This preview shows how the RGB color 170, 210, 210 looks on a black background.

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, 210, 210 Background



This preview shows how black text looks on a background with the RGB color 170, 210, 210.

This preview shows how white text looks on a background with the RGB color 170, 210, 210.

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

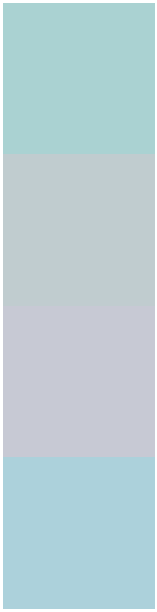
Original Color
170, 210, 210

Protanopia
205, 201, 205

Deuteranopia
216, 196, 213

Tritanopia
173, 208, 224

Trichromacy



Original Color
170, 210, 210

Protanomaly
192, 204, 207

Deuteranomaly
199, 201, 212

Tritanomaly
172, 209, 219

Monochromacy

Original Color
170, 210, 210

Achromatopsia
198, 198, 198

Achromatomaly
188, 202, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 210, 210 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, 210, 210) looks like.

```
.text, #text, p{
    color:rgb(170, 210, 210)
}
```

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, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 210, 210) }
```

Border

The CSS property to change the border of an element to RGB 170, 210, 210 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, 210, 210) }
```

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

```
.border{ border-color:rgb(170, 210, 210) }
```

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

Here you see how a box with a 4 pixel rgb(170, 210, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 210, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 210, 210); box-shadow:4px 4px 4px 4px rgb(170, 210, 210) }
```

Background

The CSS property to change the background color of an element to RGB 170, 210, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(170, 210, 210) }
```

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

```
.background{ background-color:rgb(170,
210, 210) }
```

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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