

Converting Colors

RGB(133, 199, 190)

Have a look what the booklet for
RGB(133, 199, 190) contains.

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Color

RGB(133, 199, 190)

Conversions

Conversions Part 1

Format	Color
Hex	85C7BE
RGB	133, 199, 190
RGB Percent	52%, 78%, 75%
CMY	0.4784, 0.2196, 0.2549
CMYK	0.33, 0.00, 0.05, 0.22
HSL	172°, 37%, 65%
HSV	172°, 33%, 78%
XYZ	39.3906, 49.5511, 56.2034
YIQ	178.2400, -36.4470, -16.7910

Conversions

Conversions Part 2

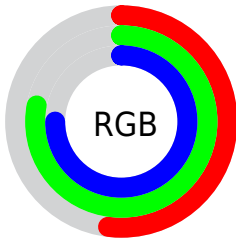
Format	Color
RYB	133, 168, 199
Decimal	8767422
CIELab	75.79, -22.88, -2.17
CIElCh	76, 22.980, 185.420
Yxy	49.5511, 0.2714, 0.3414
Android (android.graphics.Color)	4286957502 (0xFF85C7BE)
YUV	178.2400, 5.7977, -39.6755
Hunter-Lab	70.3925, -23.3012, 1.9360

Details

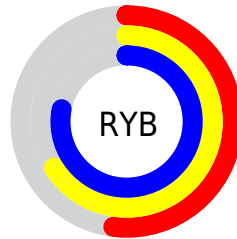
The RGB color **133, 199, 190** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **199, 133, 142**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **188, 255, 246**, and **80, 145, 137** is the 20% darker color. If you saturate the color by 10%, you get **113, 199, 187**, and if you desaturate by 10%, it is **153, 199, 193**.

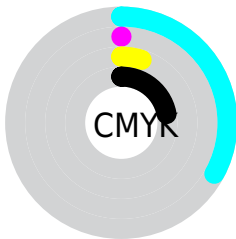
Distribution



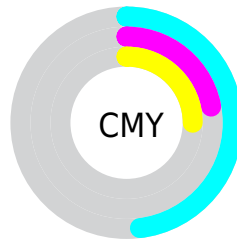
- Red (52%)
- Green (78%)
- Blue (75%)



- Red (52%)
- Yellow (66%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 199, 190 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 133, 199, 190 by changing the saturation by 10% instead.

 133, 199, 190

255, 255, 255


 188, 255, 246


 217, 255, 255

 246, 255, 255

 133, 199, 190

 106, 172, 163

 80, 145, 137

 53, 119, 111

 25, 94, 87

 0, 70, 64

 0, 47, 42

 0, 28, 21

 0, 0, 0

 133, 199, 190

 133, 199, 190

■ 113, 199, 187

■ 153, 199, 193

■ 93, 199, 185

■ 173, 199, 195

■ 73, 199, 182

■ 193, 199, 198

■ 53, 199, 179

■ 213, 199, 201

■ 34, 199, 176

■ 233, 199, 204

■ 14, 199, 174

■ 252, 199, 206

■ 0, 199, 172

■ 255, 199, 209

■ 255, 199, 212

■ 255, 199, 214

Harmonies

Analogous

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



152, 197, 169



133, 199, 190



128, 198, 211

Triad

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



133, 199, 190



195, 180, 221



218, 180, 149

Complementary

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



133, 199, 190



199, 133, 142

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.



229, 174, 163



133, 199, 190



218, 174, 205

Square

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



133, 199, 190



167, 187, 229



229, 172, 184



199, 187, 145

Rectangle

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



133, 199, 190



135, 195, 221



229, 172, 184



223, 177, 153

Sweetspot

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



133, 199, 190



230, 255, 252



143, 199, 133



112, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



133, 199, 190



153, 255, 241



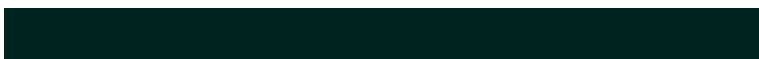
133, 176, 199



90, 99, 98



0, 163, 141



0, 36, 31

Inverse Universe

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



199, 133, 142



255, 153, 167



199, 156, 133



99, 90, 91



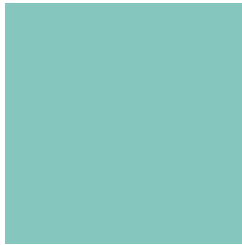
163, 0, 22



36, 0, 5

Previews

White Background



This preview shows how the RGB color 133, 199, 190 looks on a white background.

Color Contrast Check

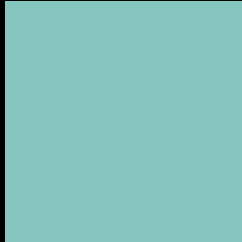
Large Text (above 18pt) WCAG AA × Fail

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 133, 199, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

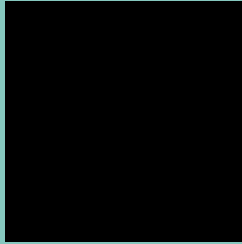
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

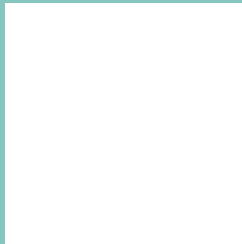
Any Text WCAG AAA ✓ Pass

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

RGB 133, 199, 190 Background



This preview shows how black text looks on a background with the RGB color 133, 199, 190.

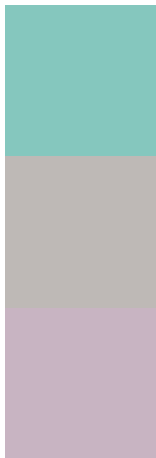


This preview shows how white text looks on a background with the RGB color 133, 199, 190.

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](#).

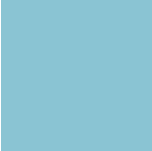
Dichromacy



Original Color
133, 199, 190

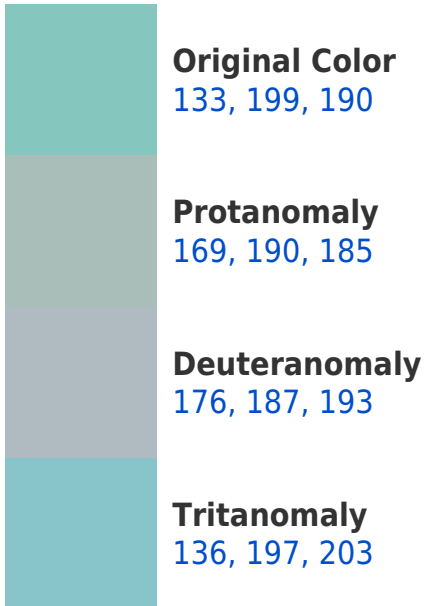
Protanopia
190, 185, 182

Deuteranopia
200, 180, 194

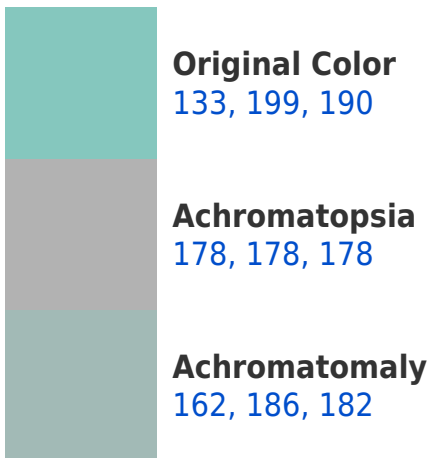


Tritanopia
138, 196, 211

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 199, 190 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(133, 199, 190)` looks like.

```
.text, #text, p{  
    color:rgb(133, 199, 190)  
}
```

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(133, 199, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 199, 190) }
```

Border

The CSS property to change the border of an element to RGB 133, 199, 190 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(133, 199, 190) }
```

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

```
.border{ border-color:rgb(133, 199, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 199, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(133, 199,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 133, 199, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 199, 190) }
```

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

```
.background{ background-color: rgb(133,  
199, 190) }
```

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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