

Converting Colors

RGB(137, 199, 196)

Have a look what the booklet for
RGB(137, 199, 196) contains.

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Color

RGB(137, 199, 196)

Conversions

Conversions Part 1

Format	Color
Hex	89C7C4
RGB	137, 199, 196
RGB Percent	54%, 78%, 77%
CMY	0.4627, 0.2196, 0.2314
CMYK	0.31, 0.00, 0.02, 0.22
HSL	177°, 36%, 66%
HSV	177°, 31%, 78%
XYZ	40.7038, 50.1507, 59.7593
YIQ	180.1200, -35.9890, -14.0770

Conversions

Conversions Part 2

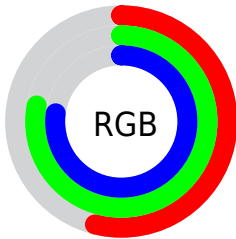
Format	Color
R _Y B	137, 169, 199
Decimal	9029572
CIE Lab	76.16, -20.37, -4.85
CIE LCh	76, 20.939, 193.391
Yxy	50.1507, 0.2703, 0.3330
Android (android.graphics.Color)	4287219652 (0xFF89C7C4)
YUV	180.1200, 7.8288, -37.8162
Hunter-Lab	70.8172, -21.3332, -0.4600

Details

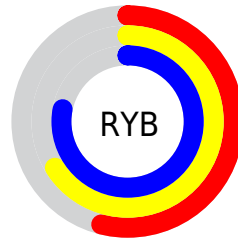
The RGB color **137, 199, 196** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **199, 137, 140**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **192, 255, 253**, and **84, 145, 142** is the 20% darker color. If you saturate the color by 10%, you get **117, 199, 195**, and if you desaturate by 10%, it is **157, 199, 197**.

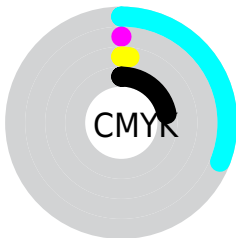
Distribution



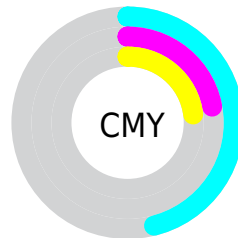
- Red (54%)
- Green (78%)
- Blue (77%)



- Red (54%)
- Yellow (66%)
- Blue (78%)



- Cyan (31%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)




- Cyan (46%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 199, 196 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 137, 199, 196 by changing the saturation by 10% instead.

 137, 199, 196


255, 255, 255


 192, 255, 253


 221, 255, 255

 250, 255, 255

 137, 199, 196

 110, 172, 169

 84, 145, 142

 58, 119, 117

 30, 94, 92


 0, 70, 69

 0, 48, 47

 0, 28, 26

 0, 0, 0

 137, 199, 196

 137, 199, 196

■ 117, 199, 195

■ 157, 199, 197

■ 97, 199, 194

■ 177, 199, 198

■ 77, 199, 193

■ 197, 199, 199

■ 57, 199, 192

■ 217, 199, 200

■ 38, 199, 191

■ 237, 199, 201

■ 18, 199, 190

■ 255, 199, 202

■ 0, 199, 189

■ 255, 199, 203

■ 255, 199, 204

■ 255, 199, 205

Harmonies

Analogous

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



151, 198, 176



137, 199, 196



137, 197, 214

Triad

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



137, 199, 196



202, 180, 216



213, 183, 151

Complementary

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



137, 199, 196



199, 137, 140

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.



225, 177, 162



137, 199, 196



220, 175, 199

Square

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



137, 199, 196



177, 187, 225



228, 174, 180



194, 189, 150

Rectangle

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



137, 199, 196



146, 194, 222



228, 174, 180



218, 181, 154

Sweetspot

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



137, 199, 196



232, 255, 254



140, 199, 137



113, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



137, 199, 196



161, 255, 250



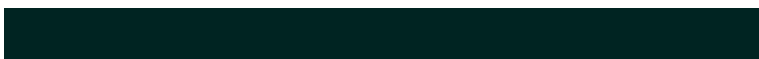
137, 171, 199



90, 99, 99



0, 163, 155



0, 36, 34

Inverse Universe

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



199, 137, 140



255, 161, 165



199, 165, 137



99, 90, 90



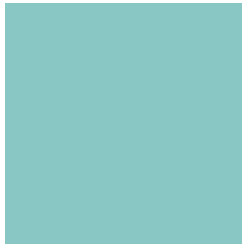
163, 0, 8



36, 0, 2

Previews

White Background



This preview shows how the RGB color 137, 199, 196 looks on a white background.

Color Contrast Check

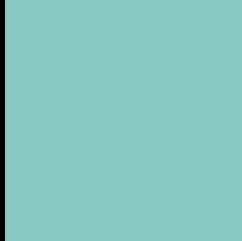
Large Text (above 18pt) WCAG AA × Fail

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 137, 199, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

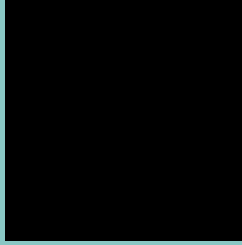
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

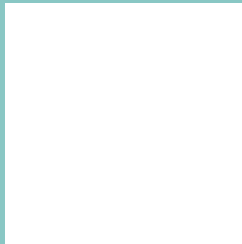
Any Text WCAG AAA ✓ Pass

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

RGB 137, 199, 196 Background



This preview shows how black text looks on a background with the RGB color 137, 199, 196.

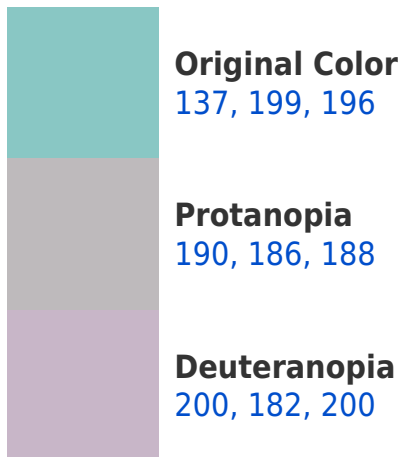


This preview shows how white text looks on a background with the RGB color 137, 199, 196.

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
141, 197, 212

Trichromacy



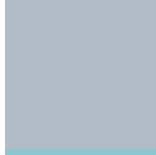
Original Color

137, 199, 196



Protanomaly

171, 191, 191



Deuteranomaly

177, 188, 199



Tritanomaly

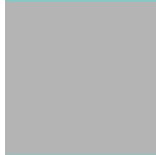
140, 198, 206

Monochromacy



Original Color

137, 199, 196



Achromatopsia

180, 180, 180



Achromatomaly

164, 187, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 199, 196 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(137, 199, 196)` looks like.

```
.text, #text, p{  
    color:rgb(137, 199, 196)  
}
```

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(137, 199, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 199, 196) }
```

Border

The CSS property to change the border of an element to RGB 137, 199, 196 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(137, 199, 196) }
```

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

```
.border{ border-color:rgb(137, 199, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 199, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 199, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 199, 196); box-shadow:4px 4px 4px 4px rgb(137, 199, 196) }
```

Background

The CSS property to change the background color of an element to RGB 137, 199, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 199, 196) }
```

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

```
.background{ background-color: rgb(137,  
199, 196) }
```

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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