

Converting Colors

RGB(137, 197, 175)

Have a look what the booklet for
RGB(137, 197, 175) contains.

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Color

RGB(137, 197, 175)

Conversions

Conversions Part 1

Format	Color
Hex	89C5AF
RGB	137, 197, 175
RGB Percent	54%, 77%, 69%
CMY	0.4627, 0.2275, 0.3137
CMYK	0.30, 0.00, 0.11, 0.23
HSL	158°, 34%, 65%
HSV	158°, 30%, 77%
XYZ	38.0206, 48.3460, 47.8853
YIQ	176.5520, -28.6980, -19.5620

Conversions

Conversions Part 2

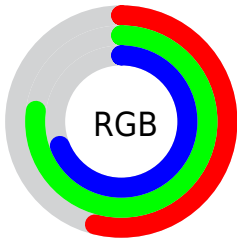
Format	Color
RYB	137, 174, 197
Decimal	9029039
CIELab	75.04, -24.02, 4.88
CIELCh	75, 24.506, 168.522
Yxy	48.3460, 0.2832, 0.3601
Android (android.graphics.Color)	4287219119 (0xFF89C5AF)
YUV	176.5520, -0.7651, -34.6871
Hunter-Lab	69.5313, -24.0736, 7.8397

Details

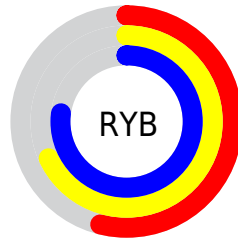
The RGB color **137, 197, 175** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **197, 137, 159**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **192, 254, 231**, and **85, 143, 123** is the 20% darker color. If you saturate the color by 10%, you get **117, 197, 168**, and if you desaturate by 10%, it is **157, 197, 182**.

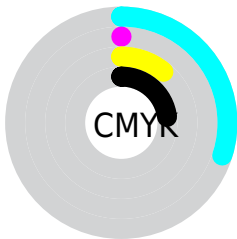
Distribution



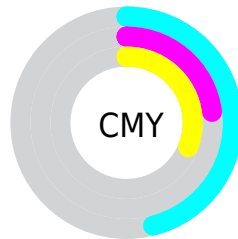
- Red (54%)
- Green (77%)
- Blue (69%)



- Red (54%)
- Yellow (68%)
- Blue (77%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)




- Cyan (46%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 197, 175 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, 197, 175 by changing the saturation by 10% instead.

 137, 197, 175


255, 255, 255


 192, 254, 231

 220, 255, 255


 249, 255, 255

 137, 197, 175

 111, 170, 148

 85, 143, 123

 59, 117, 98

 33, 92, 74

 2, 68, 51


 0, 46, 30

 0, 26, 6


 0, 0, 0

 137, 197, 175


 137, 197, 175


 117, 197, 168


 157, 197, 182


 98, 197, 161


 176, 197, 189

 78, 197, 153


 196, 197, 197

 58, 197, 146

 216, 197, 204

 39, 197, 139

 236, 197, 211

 19, 197, 132

 255, 197, 218

 0, 197, 125

 255, 197, 226

 255, 197, 233

 255, 197, 240

Harmonies

Analogous

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



161, 194, 154



137, 197, 175



122, 197, 198

Triad

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



137, 197, 175



177, 182, 227



226, 173, 152

Complementary

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



137, 197, 175



197, 137, 159

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.



231, 169, 171



137, 197, 175



205, 174, 215

Square

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



137, 197, 175



146, 189, 228



224, 169, 194



210, 180, 141

Rectangle

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



137, 197, 175



121, 196, 212



224, 169, 194



229, 171, 158

Sweetspot

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



137, 197, 175



232, 255, 247



159, 197, 137



113, 128, 122



0, 0, 0



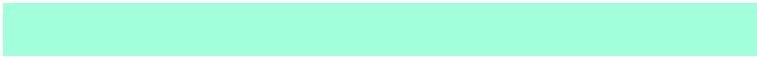
128, 128, 128

Same Dimension

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



137, 197, 175



161, 255, 220



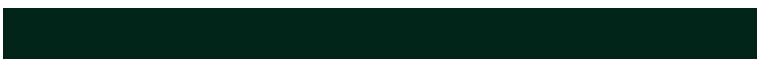
137, 189, 197



90, 99, 96



0, 163, 103



0, 36, 23

Inverse Universe

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



197, 137, 159



255, 161, 195



197, 145, 137



99, 90, 93



163, 0, 60



36, 0, 13

Previews

White Background



This preview shows how the RGB color 137, 197, 175 looks on a white background.

Color Contrast Check

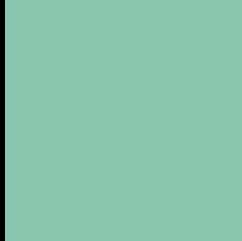
Large Text (above 18pt) WCAG AA × Fail

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, 197, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

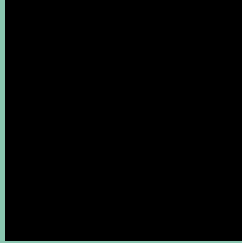
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

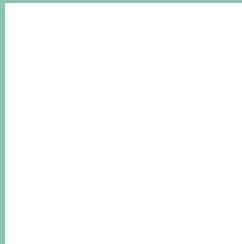
Any Text WCAG AAA ✓ Pass

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

RGB 137, 197, 175 Background



This preview shows how black text looks on a background with the RGB color 137, 197, 175.

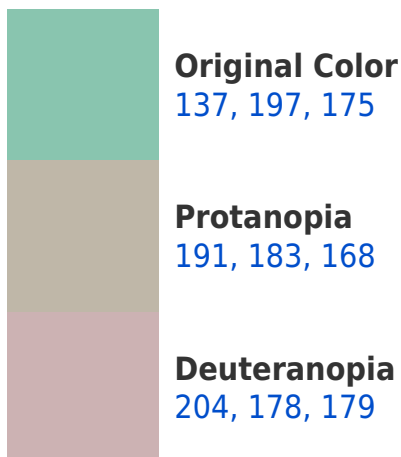


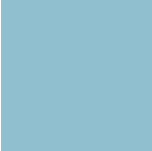
This preview shows how white text looks on a background with the RGB color 137, 197, 175.

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](#).

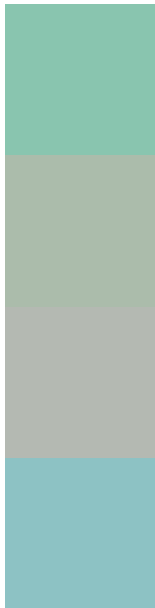
Dichromacy





Tritanopia
144, 192, 208

Trichromacy



Original Color
137, 197, 175

Protanomaly
171, 188, 171

Deuteranomaly
180, 185, 178

Tritanomaly
141, 194, 196

Monochromacy



Original Color
137, 197, 175

Achromatopsia
177, 177, 177

Achromatomaly
162, 184, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 197, 175 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, 197, 175)` looks like.

```
.text, #text, p{  
    color:rgb(137, 197, 175)  
}
```

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, 197, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 197, 175) }
```

Border

The CSS property to change the border of an element to RGB 137, 197, 175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

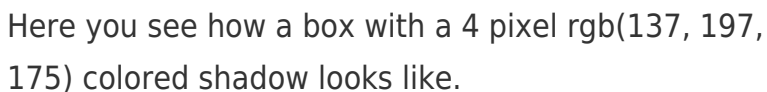
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 197, 175) }
```

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

```
.border{ border-color:rgb(137, 197, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 197, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 197, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 197, 175); box-shadow:4px 4px 4px 4px rgb(137, 197, 175) }
```

Background

The CSS property to change the background color of an element to RGB 137, 197, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 197, 175) }
```

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

```
.background{ background-color: rgb(137,  
197, 175) }
```

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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