

Converting Colors

RGB(137, 194, 172)

Have a look what the booklet for
RGB(137, 194, 172) contains.

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Color

RGB(137, 194, 172)

Conversions

Conversions Part 1

Format	Color
Hex	89C2AC
RGB	137, 194, 172
RGB Percent	54%, 76%, 67%
CMY	0.4627, 0.2392, 0.3255
CMYK	0.29, 0.00, 0.11, 0.24
HSL	157°, 32%, 65%
HSV	157°, 29%, 76%
XYZ	37.0547, 46.8805, 46.1256
YIQ	174.4490, -26.9100, -18.9260

Conversions

Conversions Part 2

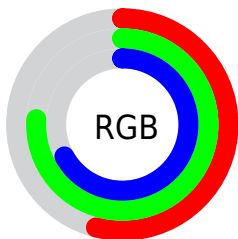
Format	Color
RYB	137, 172, 194
Decimal	9028268
CIELab	74.11, -23.16, 5.16
CIELCh	74, 23.725, 167.437
Yxy	46.8805, 0.2849, 0.3605
Android (android.graphics.Color)	4287218348 (0xFF89C2AC)
YUV	174.4490, -1.2074, -32.8428
Hunter-Lab	68.4693, -23.2195, 7.9868

Details

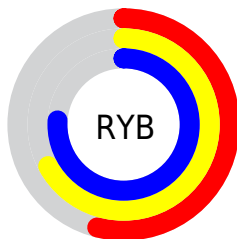
The RGB color **137, 194, 172** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194, 137, 159**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **192, 251, 227**, and **85, 140, 120** is the 20% darker color. If you saturate the color by 10%, you get **118, 194, 165**, and if you desaturate by 10%, it is **156, 194, 179**.

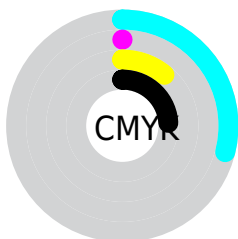
Distribution



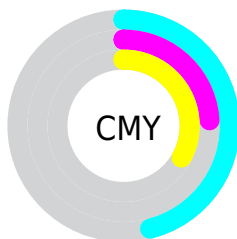
- Red (54%)
- Green (76%)
- Blue (67%)



- Red (54%)
- Yellow (67%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (46%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 194, 172 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, 194, 172 by changing the saturation by 10% instead.

 137, 194, 172


255, 255, 255


 192, 251, 227

 220, 255, 255

 249, 255, 255

 137, 194, 172

 111, 167, 145

 85, 140, 120

 60, 114, 95

 34, 90, 71

 5, 66, 49

 0, 43, 28

 0, 23, 2


 0, 0, 0

 137, 194, 172


 137, 194, 172

 118, 194, 165


 156, 194, 179

 98, 194, 157


 176, 194, 187

 79, 194, 150


 195, 194, 194

 59, 194, 142

 215, 194, 202

 40, 194, 135

 234, 194, 209

 21, 194, 127

 253, 194, 217

 1, 194, 120

 255, 194, 224

 0, 194, 119

 255, 194, 232

 255, 194, 239

Harmonies

Analogous

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



160, 191, 152



137, 194, 172



122, 195, 194

Triad

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



137, 194, 172



174, 180, 224



222, 171, 151

Complementary

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



137, 194, 172



194, 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.



227, 167, 170



137, 194, 172



201, 172, 212

Square

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



137, 194, 172



144, 187, 224



220, 168, 192



207, 178, 140

Rectangle

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



137, 194, 172



121, 193, 208



220, 168, 192



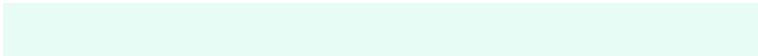
225, 169, 157

Sweetspot

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



137, 194, 172



230, 252, 244



160, 194, 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, 194, 172



164, 252, 218



137, 188, 194



87, 97, 93



0, 161, 99



0, 33, 20

Inverse Universe

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



194, 137, 159



252, 164, 198



194, 143, 137



97, 87, 91



161, 0, 62



33, 0, 13

Previews

White Background



This preview shows how the RGB color 137, 194, 172 looks on a white background.

Color Contrast Check

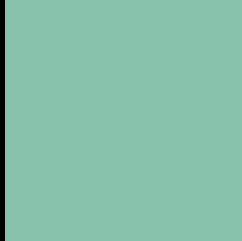
Large Text (above 18pt) WCAG AA × Fail

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, 194, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

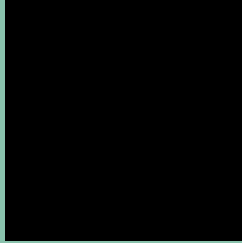
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

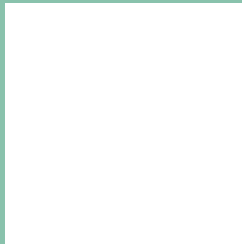
Any Text WCAG AAA ✓ Pass

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

RGB 137, 194, 172 Background



This preview shows how black text looks on a background with the RGB color 137, 194, 172.

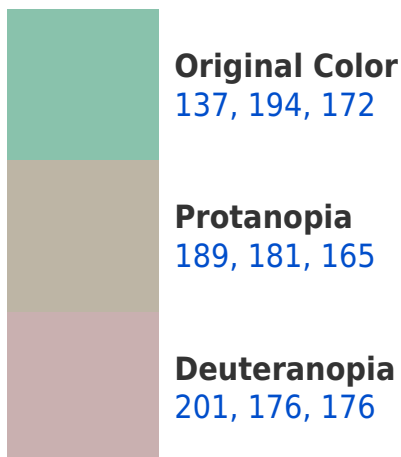


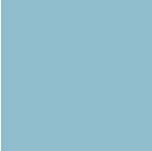
This preview shows how white text looks on a background with the RGB color 137, 194, 172.

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](#).

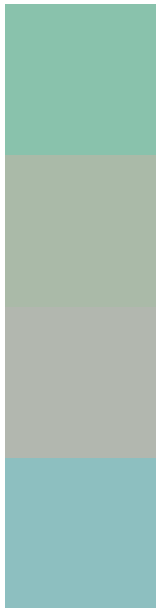
Dichromacy





Tritanopia
144, 189, 204

Trichromacy



Original Color
137, 194, 172

Protanomaly
170, 186, 168

Deuteranomaly
178, 183, 175

Tritanomaly
141, 191, 192

Monochromacy



Original Color
137, 194, 172

Achromatopsia
174, 174, 174

Achromatomaly
161, 181, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 194, 172 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, 194, 172)` looks like.

```
.text, #text, p{  
    color:rgb(137, 194, 172)  
}
```

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, 194, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 194, 172) }
```

Border

The CSS property to change the border of an element to RGB 137, 194, 172 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, 194, 172) }
```

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

```
.border{ border-color:rgb(137, 194, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 194, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 194, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 194, 172);  
box-shadow:4px 4px 4px 4px rgb(137, 194,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 137, 194, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 194, 172) }
```

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

```
.background{ background-color: rgb(137,  
194, 172) }
```

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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