

Converting Colors

RGB(137, 192, 153)

Have a look what the booklet for
RGB(137, 192, 153) contains.

RGB(137, 192, 153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(137, 192, 153)

Conversions

Conversions Part 1

Format	Color
Hex	89C099
RGB	137, 192, 153
RGB Percent	54%, 75%, 60%
CMY	0.4627, 0.2471, 0.4000
CMYK	0.29, 0.00, 0.20, 0.25
HSL	137°, 30%, 65%
HSV	137°, 29%, 75%
XYZ	34.9159, 45.3175, 37.0439
YIQ	171.1090, -20.2610, -23.7890

Conversions

Conversions Part 2

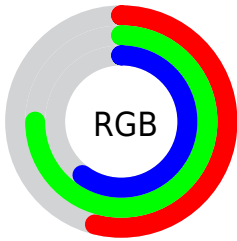
Format	Color
RYB	137, 180, 192
Decimal	9027737
CIELab	73.10, -25.96, 14.00
CIELCh	73, 29.494, 151.659
Yxy	45.3175, 0.2977, 0.3864
Android (android.graphics.Color)	4287217817 (0xFF89C099)
YUV	171.1090, -8.9277, -29.9136
Hunter-Lab	67.3183, -25.2246, 14.4967

Details

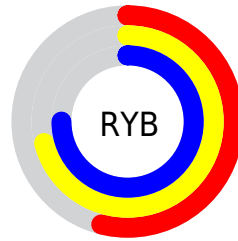
The RGB color **137, 192, 153** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **192, 137, 176**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **192, 249, 207**, and **85, 138, 102** is the 20% darker color. If you saturate the color by 10%, you get **118, 192, 139**, and if you desaturate by 10%, it is **156, 192, 167**.

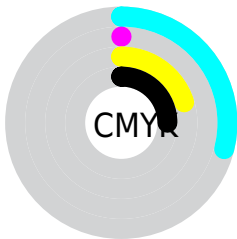
Distribution



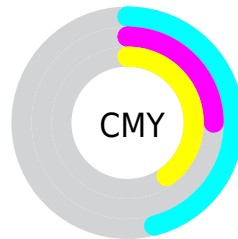
- Red (54%)
- Green (75%)
- Blue (60%)



- Red (54%)
- Yellow (71%)
- Blue (75%)



- Cyan (29%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)



- Cyan (46%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 192, 153 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, 192, 153 by changing the saturation by 10% instead.

 137, 192, 153


255, 255, 255


 192, 249, 207


 220, 255, 236

 249, 255, 255

 137, 192, 153

 111, 165, 127

 85, 138, 102

 60, 113, 78


 36, 88, 55


 7, 64, 33

 0, 41, 12

 0, 19, 0


 0, 0, 0

 137, 192, 153


 137, 192, 153

 118, 192, 139


 156, 192, 167

 99, 192, 126


 175, 192, 180


 79, 192, 112


 195, 192, 194


 60, 192, 99


 214, 192, 207

 41, 192, 85


 233, 192, 221

 22, 192, 71

 252, 192, 235

 3, 192, 58

 255, 192, 248

 0, 192, 56

 255, 192, 255

Harmonies

Analogous

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



168, 186, 133



137, 192, 153



109, 194, 180

Triad

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



137, 192, 153



147, 181, 233



233, 162, 152

Complementary

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



137, 192, 153



192, 137, 176

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.



232, 160, 179



137, 192, 153



185, 172, 225

Square

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



137, 192, 153



111, 189, 226



215, 164, 206



220, 169, 133

Rectangle

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



137, 192, 153



97, 194, 198



215, 164, 206



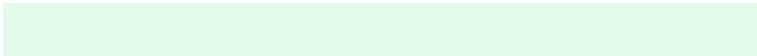
234, 160, 161

Sweetspot

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



137, 192, 153



227, 250, 234



176, 192, 137



111, 125, 115



252, 252, 252



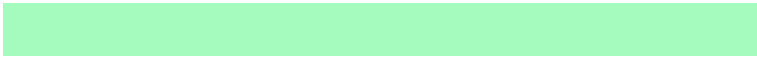
125, 125, 125

Same Dimension

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



137, 192, 153



165, 250, 190



137, 192, 180



87, 97, 90



0, 161, 47



0, 33, 10

Inverse Universe

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



192, 137, 176



250, 165, 225



192, 137, 149



97, 87, 94



161, 0, 114



33, 0, 24

Previews

White Background



This preview shows how the RGB color 137, 192, 153 looks on a white background.

Color Contrast Check

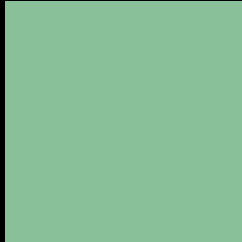
Large Text (above 18pt) WCAG AA × Fail

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, 192, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

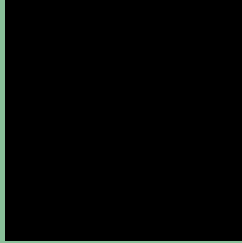
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

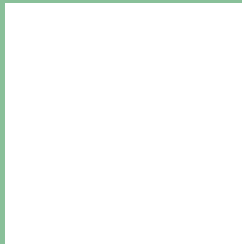
Any Text WCAG AAA ✓ Pass

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

RGB 137, 192, 153 Background



This preview shows how black text looks on a background with the RGB color 137, 192, 153.

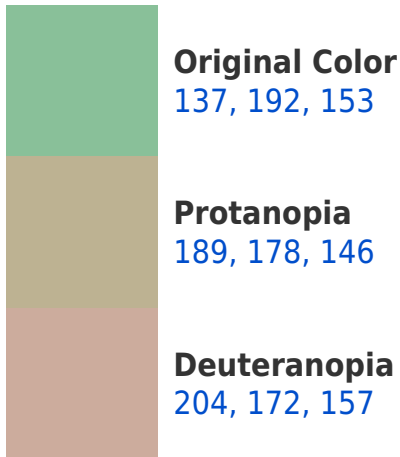


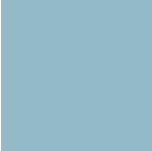
This preview shows how white text looks on a background with the RGB color 137, 192, 153.

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
146, 186, 200

Trichromacy



Original Color
137, 192, 153

Protanomaly
170, 183, 149

Deuteranomaly
180, 179, 156

Tritanomaly
143, 188, 183

Monochromacy



Original Color
137, 192, 153

Achromatopsia
171, 171, 171

Achromatomaly
159, 179, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 192, 153 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, 192, 153)` looks like.

```
.text, #text, p{  
  color:rgb(137, 192, 153)  
}
```

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, 192, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 192, 153) }
```

Border

The CSS property to change the border of an element to RGB 137, 192, 153 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, 192, 153) }
```

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

```
.border{ border-color:rgb(137, 192, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 192, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 192, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 192, 153);  
box-shadow:4px 4px 4px 4px rgb(137, 192,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 137, 192, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 192, 153) }
```

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

```
.background{ background-color: rgb(137,  
192, 153) }
```

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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