

Converting Colors

RGB(137, 175, 154)

Have a look what the booklet for
RGB(137, 175, 154) contains.

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Color

RGB(137, 175, 154)

Conversions

Conversions Part 1

Format	Color
Hex	89AF9A
RGB	137, 175, 154
RGB Percent	54%, 69%, 60%
CMY	0.4627, 0.3137, 0.3961
CMYK	0.22, 0.00, 0.12, 0.31
HSL	147°, 19%, 61%
HSV	147°, 22%, 69%
XYZ	31.4792, 38.3114, 36.3076
YIQ	161.2440, -15.9070, -14.5870

Conversions

Conversions Part 2

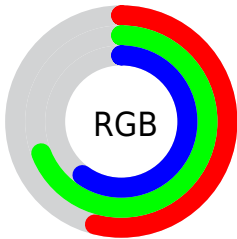
Format	Color
RYB	137, 163, 175
Decimal	9023386
CIELab	68.25, -17.21, 6.57
CIELCh	68, 18.417, 159.105
Yxy	38.3114, 0.2967, 0.3611
Android (android.graphics.Color)	4287213466 (0xFF89AF9A)
YUV	161.2440, -3.5713, -21.2620
Hunter-Lab	61.8962, -17.5367, 8.5486

Details

The RGB color **137, 175, 154** is a light color, and the websafe version is hex **669999**. A complement of this color would be **175, 137, 158**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **191, 231, 208**, and **86, 122, 103** is the 20% darker color. If you saturate the color by 10%, you get **120, 175, 144**, and if you desaturate by 10%, it is **155, 175, 164**.

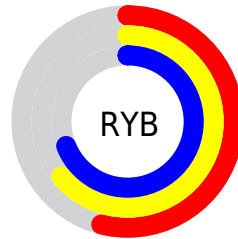
Distribution



Red (54%)

Green (69%)

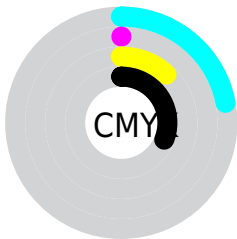
Blue (60%)



Red (54%)

Yellow (64%)

Blue (69%)

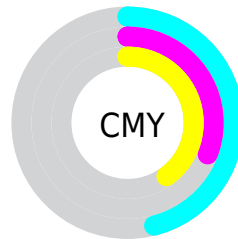


Cyan (22%)

Magenta (0%)

Yellow (12%)

Black (31%)



Cyan (46%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 175, 154 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, 175, 154 by changing the saturation by 10% instead.

 137, 175, 154


255, 255, 255


 191, 231, 208

 219, 255, 237

 248, 255, 255

 137, 175, 154

 111, 148, 128

 86, 122, 103


 62, 97, 79

 39, 73, 56


 16, 51, 35

 0, 30, 13


 0, 0, 0

 137, 175, 154


 120, 175, 144

 137, 175, 154


 155, 175, 164

 102, 175, 135


 172, 175, 173

 85, 175, 125


 189, 175, 183


 67, 175, 115

 207, 175, 193

 49, 175, 106


 225, 175, 202

 32, 175, 96

 242, 175, 212

 14, 175, 86

 255, 175, 222

 0, 175, 78

 255, 175, 231

 255, 175, 241

Harmonies

Analogous

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



155, 172, 140



137, 175, 154



124, 176, 171

Triad

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



137, 175, 154



154, 166, 199



199, 157, 146

Complementary

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



137, 175, 154



175, 137, 158

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.



201, 155, 162



137, 175, 154



176, 160, 192

Square

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



137, 175, 154



134, 171, 197



192, 156, 179



190, 161, 136

Rectangle

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



137, 175, 154



121, 175, 182



192, 156, 179



201, 156, 151

Sweetspot

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



137, 175, 154



211, 227, 218



159, 175, 137



106, 115, 110



242, 242, 242



115, 115, 115

Same Dimension

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



137, 175, 154



168, 227, 194



137, 175, 172



78, 87, 82



0, 150, 67



0, 23, 10

Inverse Universe

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



175, 137, 158



227, 168, 201



175, 137, 140



87, 78, 83



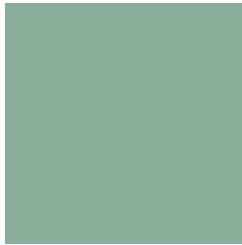
150, 0, 83



23, 0, 13

Previews

White Background



This preview shows how the RGB color 137, 175, 154 looks on a white background.

Color Contrast Check

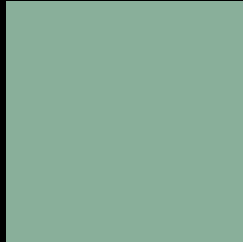
Large Text (above 18pt) WCAG AA × Fail

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, 175, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

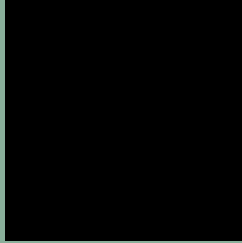
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

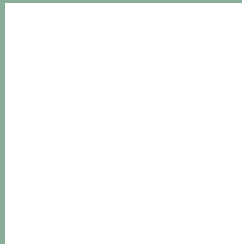
Any Text WCAG AAA ✓ Pass

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

RGB 137, 175, 154 Background



This preview shows how black text looks on a background with the RGB color 137, 175, 154.

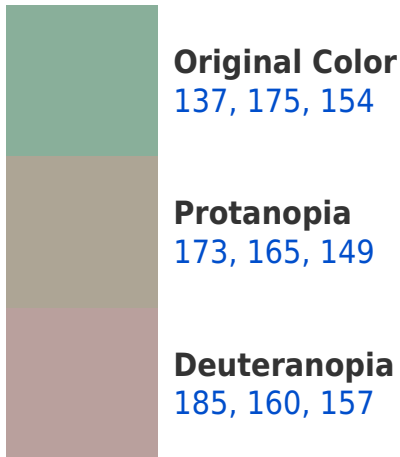


This preview shows how white text looks on a background with the RGB color 137, 175, 154.

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
143, 171, 184

Trichromacy



Original Color
137, 175, 154

Protanomaly
160, 169, 151

Deuteranomaly
168, 165, 156

Tritanomaly
141, 172, 173

Monochromacy



Original Color
137, 175, 154

Achromatopsia
161, 161, 161

Achromatomaly
152, 166, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 175, 154 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, 175, 154)` looks like.

```
.text, #text, p{  
    color:rgb(137, 175, 154)  
}
```

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, 175, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 175, 154) }
```

Border

The CSS property to change the border of an element to RGB 137, 175, 154 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, 175, 154) }
```

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

```
.border{ border-color:rgb(137, 175, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 175, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 175, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 175, 154);  
box-shadow:4px 4px 4px 4px rgb(137, 175,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 137, 175, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 175, 154) }
```

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

```
.background{ background-color: rgb(137,  
175, 154) }
```

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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