

Converting Colors

RGB(137, 217, 169)

Have a look what the booklet for
RGB(137, 217, 169) contains.

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Color

RGB(137, 217, 169)

Conversions

Conversions Part 1

Format	Color
Hex	89D9A9
RGB	137, 217, 169
RGB Percent	54%, 85%, 66%
CMY	0.4627, 0.1490, 0.3373
CMYK	0.37, 0.00, 0.22, 0.15
HSL	144°, 51%, 69%
HSV	144°, 37%, 85%
XYZ	42.2908, 57.8086, 46.4653
YIQ	187.6080, -32.2720, -31.8880

Conversions

Conversions Part 2

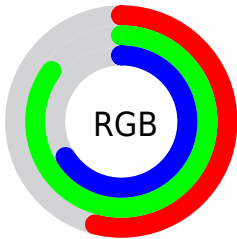
Format	Color
RYB	137, 194, 217
Decimal	9034153
CIELab	80.63, -34.80, 16.03
CIElCh	81, 38.319, 155.267
Yxy	57.8086, 0.2885, 0.3944
Android (android.graphics.Color)	4287224233 (0xFF89D9A9)
YUV	187.6080, -9.1737, -44.3832
Hunter-Lab	76.0320, -33.7700, 16.9886

Details

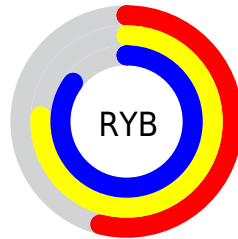
The RGB color **137, 217, 169** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **217, 137, 185**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **193, 255, 224**, and **83, 162, 117** is the 20% darker color. If you saturate the color by 10%, you get **115, 217, 156**, and if you desaturate by 10%, it is **159, 217, 182**.

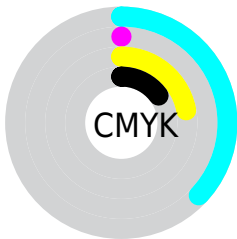
Distribution



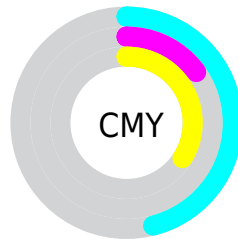
- Red (54%)
- Green (85%)
- Blue (66%)



- Red (54%)
- Yellow (76%)
- Blue (85%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)



- Cyan (46%)
- Magenta (15%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 217, 169 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, 217, 169 by changing the saturation by 10% instead.

 137, 217, 169


255, 255, 255


 193, 255, 224

 221, 255, 253

 251, 255, 255


 137, 217, 169

 110, 189, 142

 83, 162, 117

 56, 135, 92

 26, 109, 68

 0, 84, 46

 0, 61, 24

 0, 39, 0

 0, 4, 0

 0, 0, 0

■ 137, 217, 169

■ 137, 217, 169

■ 115, 217, 156

■ 159, 217, 182

■ 94, 217, 143

■ 180, 217, 195

■ 72, 217, 130

■ 202, 217, 208

■ 50, 217, 117

■ 224, 217, 221

■ 28, 217, 104

■ 246, 217, 234

■ 7, 217, 91

■ 255, 217, 247

■ 0, 217, 87

■ 255, 217, 255

Harmonies

Analogous

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



180, 210, 141



137, 217, 169



94, 220, 205

Triad

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



137, 217, 169



161, 201, 255



255, 177, 161

Complementary

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



137, 217, 169



217, 137, 185

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.



255, 173, 195



137, 217, 169



213, 189, 255

Square

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



137, 217, 169



104, 212, 255



251, 177, 231



249, 188, 136

Rectangle

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



137, 217, 169



74, 219, 229



251, 177, 231



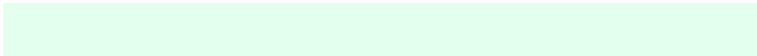
255, 175, 171

Sweetspot

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



137, 217, 169



227, 255, 238



185, 217, 137



111, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



137, 217, 169



143, 255, 188



137, 217, 209



99, 110, 103



0, 173, 69



0, 46, 18

Inverse Universe

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



217, 137, 185



255, 143, 210



217, 137, 145



110, 99, 105



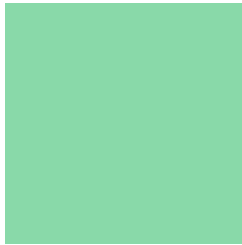
173, 0, 104



46, 0, 28

Previews

White Background



This preview shows how the RGB color 137, 217, 169 looks on a white background.

Color Contrast Check

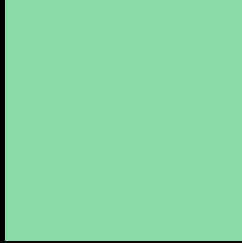
Large Text (above 18pt) WCAG AA × Fail

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, 217, 169 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, 217, 169 Background



This preview shows how black text looks on a background with the RGB color 137, 217, 169.

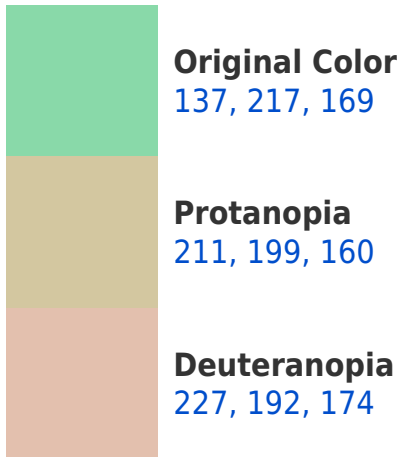


This preview shows how white text looks on a background with the RGB color 137, 217, 169.

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
149, 209, 226

Trichromacy



Original Color

137, 217, 169



Protanomaly

184, 206, 163



Deuteranomaly

194, 201, 172



Tritanomaly

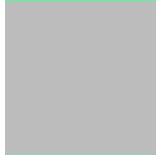
145, 212, 205

Monochromacy



Original Color

137, 217, 169



Achromatopsia

188, 188, 188



Achromatomaly

169, 199, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 217, 169 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, 217, 169)` looks like.

```
.text, #text, p{  
    color:rgb(137, 217, 169)  
}
```

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, 217, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 217, 169) }
```

Border

The CSS property to change the border of an element to RGB 137, 217, 169 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, 217, 169) }
```

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

```
.border{ border-color:rgb(137, 217, 169) }
```

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

Here you see how a box with a 4 pixel rgb(137, 217, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 217, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 217, 169);  
box-shadow:4px 4px 4px 4px rgb(137, 217,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 137, 217, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 217, 169) }
```

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

```
.background{ background-color: rgb(137,  
217, 169) }
```

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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