

Converting Colors

RGB(135, 199, 167)

Have a look what the booklet for
RGB(135, 199, 167) contains.

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Color

RGB(135, 199, 167)

Conversions

Conversions Part 1

Format	Color
Hex	87C7A7
RGB	135, 199, 167
RGB Percent	53%, 78%, 65%
CMY	0.4706, 0.2196, 0.3451
CMYK	0.32, 0.00, 0.16, 0.22
HSL	150°, 36%, 65%
HSV	150°, 32%, 78%
XYZ	37.3901, 48.7878, 44.0055
YIQ	176.2160, -27.8720, -23.5200

Conversions

Conversions Part 2

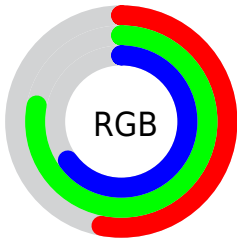
Format	Color
RYB	135, 178, 199
Decimal	8898471
CIELab	75.32, -27.26, 9.58
CIELCh	75, 28.889, 160.639
Yxy	48.7878, 0.2872, 0.3748
Android (android.graphics.Color)	4287088551 (0xFF87C7A7)
YUV	176.2160, -4.5435, -36.1464
Hunter-Lab	69.8482, -26.6824, 11.5401

Details

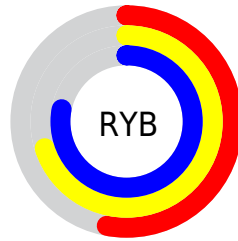
The RGB color **135, 199, 167** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **199, 135, 167**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **190, 255, 222**, and **83, 145, 115** is the 20% darker color. If you saturate the color by 10%, you get **115, 199, 157**, and if you desaturate by 10%, it is **155, 199, 177**.

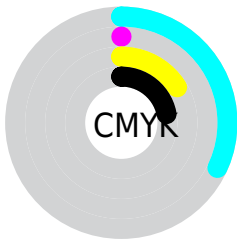
Distribution



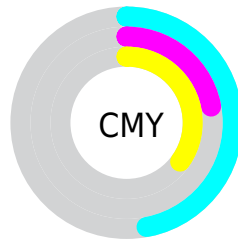
- Red (53%)
- Green (78%)
- Blue (65%)



- Red (53%)
- Yellow (70%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 199, 167 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 135, 199, 167 by changing the saturation by 10% instead.

 135, 199, 167

255, 255, 255

 190, 255, 222

 218, 255, 251

 247, 255, 255

 135, 199, 167

 109, 172, 141

 83, 145, 115

 57, 119, 90

 30, 94, 67


 0, 70, 45

 0, 47, 24


 0, 27, 0


 0, 0, 0

 135, 199, 167


 135, 199, 167

 115, 199, 157


 155, 199, 177

 95, 199, 147


 175, 199, 187


 75, 199, 137

 195, 199, 197

 55, 199, 127

 215, 199, 207

 36, 199, 117

 235, 199, 217


 16, 199, 107

 254, 199, 227

 0, 199, 100

 255, 199, 237

 255, 199, 247

 255, 199, 255

Harmonies

Analogous

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



165, 194, 144



135, 199, 167



111, 200, 194

Triad

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



135, 199, 167



166, 185, 237



236, 170, 152

Complementary

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



135, 199, 167



199, 135, 167

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.



239, 166, 177



135, 199, 167



201, 175, 226

Square

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



135, 199, 167



129, 193, 235



227, 168, 204



220, 178, 136

Rectangle

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



135, 199, 167



104, 200, 212



227, 168, 204



238, 168, 160

Sweetspot

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



135, 199, 167



230, 255, 242



167, 199, 135



112, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



135, 199, 167



156, 255, 205



135, 199, 199



90, 99, 94



0, 163, 82



0, 36, 18

Inverse Universe

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



199, 135, 167



255, 156, 205



199, 135, 135



99, 90, 94



163, 0, 82



36, 0, 18

Previews

White Background



This preview shows how the RGB color 135, 199, 167 looks on a white background.

Color Contrast Check

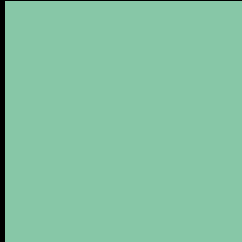
Large Text (above 18pt) WCAG AA × Fail

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 135, 199, 167 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 135, 199, 167 Background



This preview shows how black text looks on a background with the RGB color 135, 199, 167.

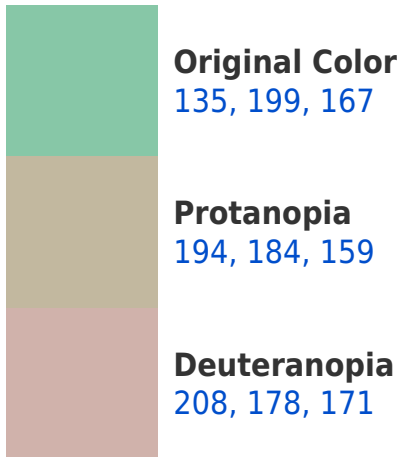


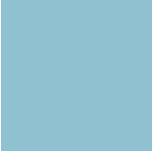
This preview shows how white text looks on a background with the RGB color 135, 199, 167.

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, 193, 209

Trichromacy



Original Color

135, 199, 167



Protanomaly

173, 189, 162



Deuteranomaly

181, 186, 170



Tritanomaly

141, 195, 194

Monochromacy



Original Color

135, 199, 167



Achromatopsia

176, 176, 176



Achromatomaly

161, 184, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 199, 167 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(135, 199, 167)` looks like.

```
.text, #text, p{  
    color:rgb(135, 199, 167)  
}
```

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(135, 199, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 199, 167) }
```

Border

The CSS property to change the border of an element to RGB 135, 199, 167 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(135, 199, 167) }
```

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

```
.border{ border-color:rgb(135, 199, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 199, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 199, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 199, 167); box-shadow:4px 4px 4px 4px rgb(135, 199, 167) }
```

Background

The CSS property to change the background color of an element to RGB 135, 199, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 199, 167) }
```

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

```
.background{ background-color: rgb(135,  
199, 167) }
```

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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