

Converting Colors

RGB(134, 210, 169)

Have a look what the booklet for
RGB(134, 210, 169) contains.

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Color

RGB(134, 210, 169)

Conversions

Conversions Part 1

Format	Color
Hex	86D2A9
RGB	134, 210, 169
RGB Percent	53%, 82%, 66%
CMY	0.4745, 0.1765, 0.3373
CMYK	0.36, 0.00, 0.20, 0.18
HSL	148°, 46%, 67%
HSV	148°, 36%, 82%
XYZ	40.0395, 54.0261, 45.8539
YIQ	182.6020, -32.1350, -28.8630

Conversions

Conversions Part 2

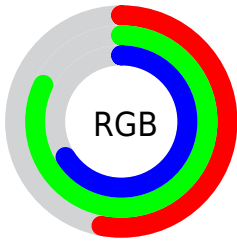
Format	Color
RYB	134, 186, 210
Decimal	8835753
CIELab	78.48, -32.41, 12.98
CIElCh	78, 34.913, 158.175
Yxy	54.0261, 0.2862, 0.3861
Android (android.graphics.Color)	4287025833 (0xFF86D2A9)
YUV	182.6020, -6.7058, -42.6240
Hunter-Lab	73.5024, -31.3936, 14.4641

Details

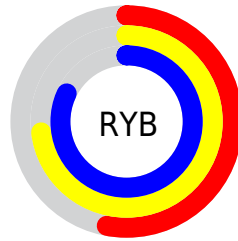
The RGB color **134, 210, 169** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **210, 134, 175**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **189, 255, 224**, and **80, 155, 117** is the 20% darker color. If you saturate the color by 10%, you get **113, 210, 158**, and if you desaturate by 10%, it is **155, 210, 180**.

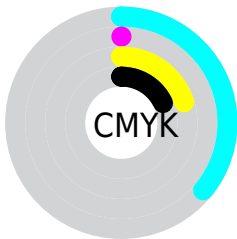
Distribution



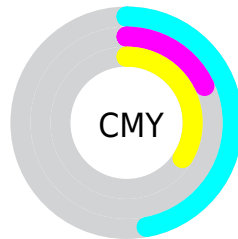
- Red (53%)
- Green (82%)
- Blue (66%)



- Red (53%)
- Yellow (73%)
- Blue (82%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (47%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 210, 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 134, 210, 169 by changing the saturation by 10% instead.

 134, 210, 169


255, 255, 255


 189, 255, 224


 218, 255, 253


 247, 255, 255

 134, 210, 169

 107, 182, 143

 80, 155, 117

 54, 129, 92

 24, 103, 69

 0, 79, 46

 0, 55, 25

 0, 35, 0

 0, 0, 0

 134, 210, 169

 134, 210, 169

 113, 210, 158

 155, 210, 180

 92, 210, 146

 176, 210, 192

 71, 210, 135

 197, 210, 203

 50, 210, 124

 218, 210, 214

 29, 210, 112

 239, 210, 226

 8, 210, 101

 255, 210, 237

 0, 210, 97

 255, 210, 248

 255, 210, 255

Harmonies

Analogous

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



172, 204, 142



134, 210, 169



99, 212, 202

Triad

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



134, 210, 169



164, 194, 255



255, 174, 156

Complementary

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



134, 210, 169



210, 134, 175

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, 170, 186



134, 210, 169



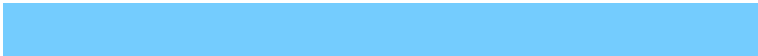
210, 183, 245

Square

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



134, 210, 169



116, 204, 254



243, 173, 219



237, 184, 135

Rectangle

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



134, 210, 169



86, 211, 224



243, 173, 219



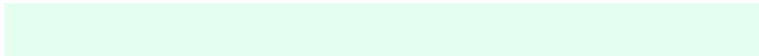
255, 172, 165

Sweetspot

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



134, 210, 169



227, 255, 240



176, 210, 134



111, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



134, 210, 169



145, 255, 196



134, 210, 206



94, 105, 99



0, 168, 78



0, 41, 19

Inverse Universe

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



210, 134, 175



255, 145, 205



210, 134, 138



105, 94, 100



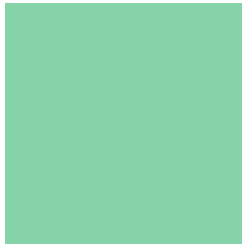
168, 0, 91



41, 0, 22

Previews

White Background



This preview shows how the RGB color 134, 210, 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 134, 210, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

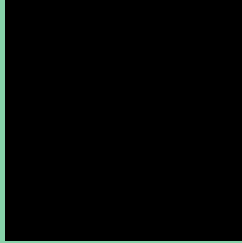
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

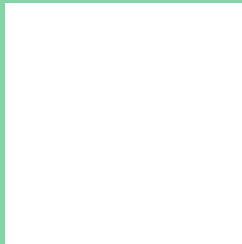
Any Text WCAG AAA ✓ Pass

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

RGB 134, 210, 169 Background



This preview shows how black text looks on a background with the RGB color 134, 210, 169.

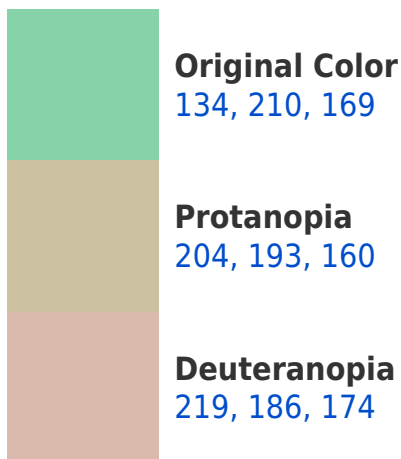


This preview shows how white text looks on a background with the RGB color 134, 210, 169.

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
145, 203, 219

Trichromacy



Original Color

134, 210, 169



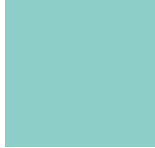
Protanomaly

179, 199, 163



Deuteranomaly

188, 195, 172



Tritanomaly

141, 206, 201

Monochromacy



Original Color

134, 210, 169



Achromatopsia

183, 183, 183



Achromatomaly

165, 193, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 210, 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(134, 210, 169)` looks like.

```
.text, #text, p{  
    color:rgb(134, 210, 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(134, 210, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 210, 169) }
```

Border

The CSS property to change the border of an element to RGB 134, 210, 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(134, 210, 169) }
```

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

```
.border{ border-color:rgb(134, 210, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 210, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 210, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 210, 169);  
box-shadow:4px 4px 4px 4px rgb(134, 210,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 134, 210, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 210, 169) }
```

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

```
.background{ background-color: rgb(134,  
210, 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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