

Converting Colors

RGB(131, 212, 167)

Have a look what the booklet for
RGB(131, 212, 167) contains.

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Color

RGB(131, 212, 167)

Conversions

Conversions Part 1

Format	Color
Hex	83D4A7
RGB	131, 212, 167
RGB Percent	51%, 83%, 65%
CMY	0.4863, 0.1686, 0.3451
CMYK	0.38, 0.00, 0.21, 0.17
HSL	147°, 49%, 67%
HSV	147°, 38%, 83%
XYZ	39.8786, 54.7023, 45.0160
YIQ	182.6510, -33.8310, -31.1670

Conversions

Conversions Part 2

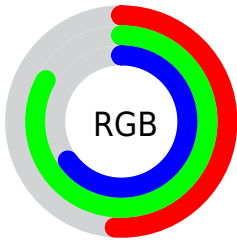
Format	Color
RYB	131, 187, 212
Decimal	8639655
CIELab	78.87, -34.61, 14.58
CIELCh	79, 37.549, 157.160
Yxy	54.7023, 0.2857, 0.3919
Android (android.graphics.Color)	4286829735 (0xFF83D4A7)
YUV	182.6510, -7.7159, -45.2979
Hunter-Lab	73.9610, -33.1873, 15.6861

Details

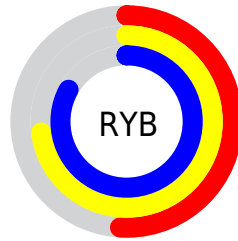
The RGB color **131, 212, 167** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **212, 131, 176**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **187, 255, 222**, and **77, 157, 115** is the 20% darker color. If you saturate the color by 10%, you get **110, 212, 155**, and if you desaturate by 10%, it is **152, 212, 179**.

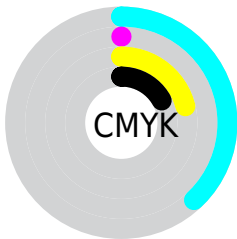
Distribution



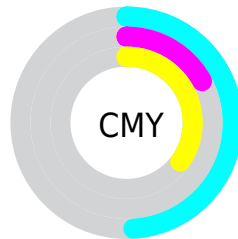
- Red (51%)
- Green (83%)
- Blue (65%)



- Red (51%)
- Yellow (73%)
- Blue (83%)



- Cyan (38%)
- Magenta (0%)
- Yellow (21%)
- Black (17%)



- Cyan (49%)
- Magenta (17%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 212, 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 131, 212, 167 by changing the saturation by 10% instead.

 131, 212, 167


255, 255, 255


 187, 255, 222

 215, 255, 251

 244, 255, 255

 131, 212, 167

 104, 184, 141

 77, 157, 115

 49, 130, 90

 16, 105, 67

 0, 80, 44

 0, 56, 23

 0, 36, 0

 0, 0, 0

 131, 212, 167

 131, 212, 167

 110, 212, 155

 152, 212, 179

 89, 212, 143

 173, 212, 191

 67, 212, 132

 195, 212, 202

 46, 212, 120

 216, 212, 214

 25, 212, 108

 237, 212, 226

 4, 212, 96

 255, 212, 238

 0, 212, 94

 255, 212, 249

 255, 212, 255

Harmonies

Analogous

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



173, 206, 139



131, 212, 167



89, 214, 203

Triad

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



131, 212, 167



160, 196, 255



255, 173, 155

Complementary

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



131, 212, 167



212, 131, 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.



255, 169, 188



131, 212, 167



211, 183, 251

Square

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



131, 212, 167



105, 206, 255



246, 173, 223



242, 184, 132

Rectangle

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



131, 212, 167



71, 214, 226



246, 173, 223



255, 171, 165

Sweetspot

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



131, 212, 167



227, 255, 239



177, 212, 131



111, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



131, 212, 167



138, 255, 190



131, 212, 207



96, 107, 101



0, 171, 76



0, 43, 19

Inverse Universe

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



212, 131, 176



255, 138, 203



212, 131, 136



107, 96, 102



171, 0, 95



43, 0, 24

Previews

White Background



This preview shows how the RGB color 131, 212, 167 looks on a white background.

Color Contrast Check

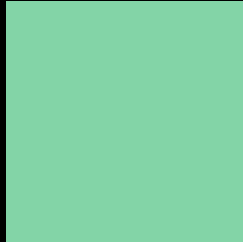
Large Text (above 18pt) WCAG AA × Fail

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 131, 212, 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 131, 212, 167 Background



This preview shows how black text looks on a background with the RGB color 131, 212, 167.

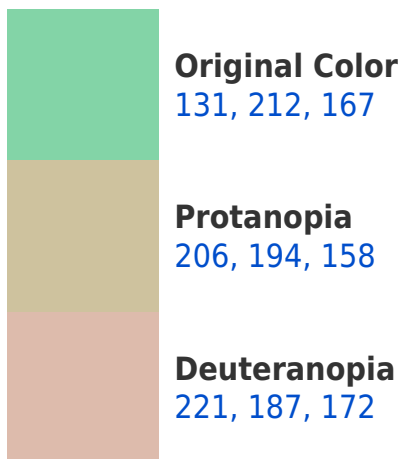


This preview shows how white text looks on a background with the RGB color 131, 212, 167.

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
143, 205, 221

Trichromacy



Original Color

131, 212, 167



Protanomaly

179, 201, 161



Deuteranomaly

188, 196, 170



Tritanomaly

139, 208, 201

Monochromacy



Original Color

131, 212, 167



Achromatopsia

183, 183, 183



Achromatomaly

164, 194, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 212, 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(131, 212, 167)` looks like.

```
.text, #text, p{  
    color:rgb(131, 212, 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(131, 212, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 212, 167) }
```

Border

The CSS property to change the border of an element to RGB 131, 212, 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(131, 212, 167) }
```

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

```
.border{ border-color:rgb(131, 212, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 212, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 212, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 212, 167); box-shadow:4px 4px 4px 4px rgb(131, 212, 167) }
```

Background

The CSS property to change the background color of an element to RGB 131, 212, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 212, 167) }
```

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

```
.background{ background-color: rgb(131,  
212, 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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