

Converting Colors

RGB(149, 212, 177)

Have a look what the booklet for
RGB(149, 212, 177) contains.

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Color

RGB(149, 212, 177)

Conversions

Conversions Part 1

Format	Color
Hex	95D4B1
RGB	149, 212, 177
RGB Percent	58%, 83%, 69%
CMY	0.4157, 0.1686, 0.3059
CMYK	0.30, 0.00, 0.17, 0.17
HSL	147°, 42%, 71%
HSV	147°, 30%, 83%
XYZ	43.8737, 56.6509, 50.2173
YIQ	189.1730, -26.3130, -24.2410

Conversions

Conversions Part 2

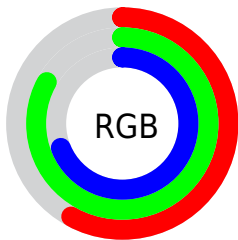
Format	Color
RYB	149, 193, 212
Decimal	9819313
CIELab	79.98, -27.30, 10.96
CIElCh	80, 29.419, 158.119
Yxy	56.6509, 0.2911, 0.3758
Android (android.graphics.Color)	4288009393 (0xFF95D4B1)
YUV	189.1730, -6.0013, -35.2317
Hunter-Lab	75.2668, -27.6675, 13.1290

Details

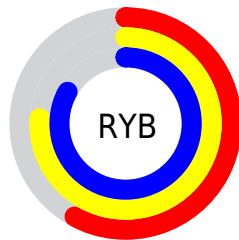
The RGB color **149, 212, 177** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **212, 149, 184**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **204, 255, 233**, and **96, 157, 124** is the 20% darker color. If you saturate the color by 10%, you get **128, 212, 165**, and if you desaturate by 10%, it is **170, 212, 189**.

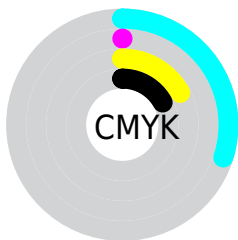
Distribution



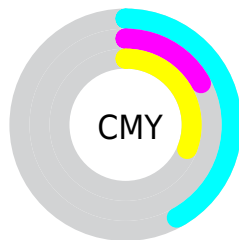
- Red (58%)
- Green (83%)
- Blue (69%)



- Red (58%)
- Yellow (76%)
- Blue (83%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)



- Cyan (42%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 212, 177 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 149, 212, 177 by changing the saturation by 10% instead.


 149, 212, 177


255, 255, 255


 204, 255, 233


 233, 255, 255

 149, 212, 177

 122, 184, 150

 96, 157, 124

 71, 131, 99

 45, 105, 76

 17, 81, 53

 0, 57, 31

 0, 36, 8

 0, 0, 0


 149, 212, 177

 149, 212, 177

 128, 212, 165

 170, 212, 189

 107, 212, 153

 191, 212, 201

 85, 212, 142

 213, 212, 212

 64, 212, 130

 234, 212, 224

 43, 212, 118

 255, 212, 236

 22, 212, 106

 255, 212, 248

 1, 212, 95

 255, 212, 255

 0, 212, 94

Harmonies

Analogous

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



180, 207, 155



149, 212, 177



123, 214, 205

Triad

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



149, 212, 177



175, 198, 252



251, 182, 166

Complementary

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



149, 212, 177



212, 149, 184

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.



253, 178, 192



149, 212, 177



212, 189, 242

Square

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



149, 212, 177



138, 207, 248



240, 181, 219



236, 190, 148

Rectangle

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



149, 212, 177



116, 213, 223



240, 181, 219



254, 180, 174

Sweetspot

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



149, 212, 177



232, 255, 242



185, 212, 149



113, 128, 120



0, 0, 0



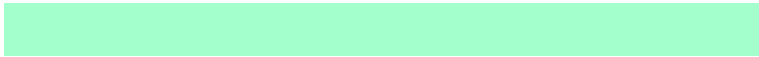
128, 128, 128

Same Dimension

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



149, 212, 177



163, 255, 204



149, 212, 208



96, 107, 101



0, 171, 76



0, 43, 19

Inverse Universe

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



212, 149, 184



255, 163, 214



212, 149, 153



107, 96, 102



171, 0, 95



43, 0, 24

Previews

White Background



This preview shows how the RGB color 149, 212, 177 looks on a white background.

Color Contrast Check

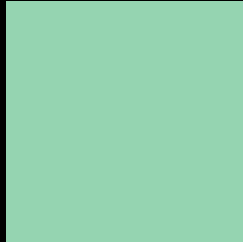
Large Text (above 18pt) WCAG AA × Fail

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 149, 212, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

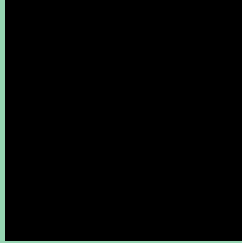
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

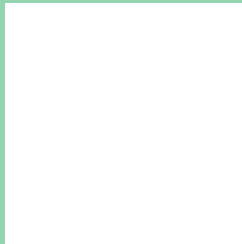
Any Text WCAG AAA ✓ Pass

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

RGB 149, 212, 177 Background



This preview shows how black text looks on a background with the RGB color 149, 212, 177.

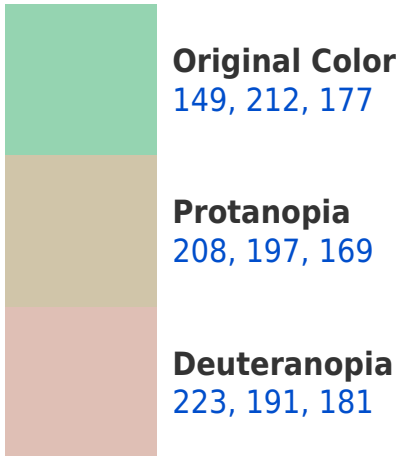


This preview shows how white text looks on a background with the RGB color 149, 212, 177.

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
158, 206, 222

Trichromacy



Original Color

149, 212, 177



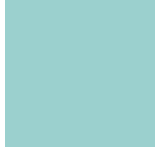
Protanomaly

187, 202, 172



Deuteranomaly

196, 199, 180



Tritanomaly

155, 208, 206

Monochromacy



Original Color

149, 212, 177



Achromatopsia

189, 189, 189



Achromatomaly

174, 197, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 212, 177 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(149, 212, 177)` looks like.

```
.text, #text, p{  
    color:rgb(149, 212, 177)  
}
```

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(149, 212, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 212, 177) }
```

Border

The CSS property to change the border of an element to RGB 149, 212, 177 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(149, 212, 177) }
```

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

```
.border{ border-color:rgb(149, 212, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 212, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 212, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 212, 177);  
box-shadow:4px 4px 4px 4px rgb(149, 212,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 149, 212, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 212, 177) }
```

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

```
.background{ background-color: rgb(149,  
212, 177) }
```

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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