

Converting Colors

RGB(149, 230, 199)

Have a look what the booklet for
RGB(149, 230, 199) contains.

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Color

RGB(149, 230, 199)

Conversions

Conversions Part 1

Format	Color
Hex	95E6C7
RGB	149, 230, 199
RGB Percent	58%, 90%, 78%
CMY	0.4157, 0.0980, 0.2196
CMYK	0.35, 0.00, 0.13, 0.10
HSL	157°, 62%, 74%
HSV	157°, 35%, 90%
XYZ	51.0000, 67.1067, 64.2977
YIQ	202.2470, -38.3250, -26.8130

Conversions

Conversions Part 2

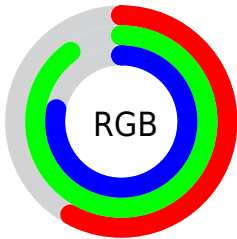
Format	Color
RYB	149, 199, 230
Decimal	9823943
CIELab	85.56, -31.45, 7.31
CIELCh	86, 32.286, 166.921
Yxy	67.1067, 0.2796, 0.3679
Android (android.graphics.Color)	4288014023 (0xFF95E6C7)
YUV	202.2470, -1.6008, -46.6976
Hunter-Lab	81.9187, -32.2291, 10.8065

Details

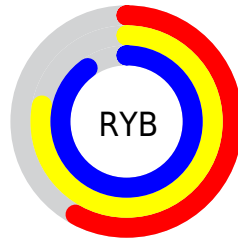
The RGB color **149, 230, 199** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **230, 149, 180**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **205, 255, 255**, and **94, 174, 145** is the 20% darker color. If you saturate the color by 10%, you get **126, 230, 190**, and if you desaturate by 10%, it is **172, 230, 208**.

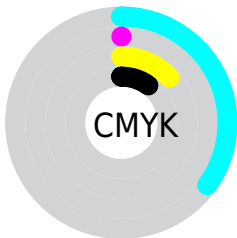
Distribution



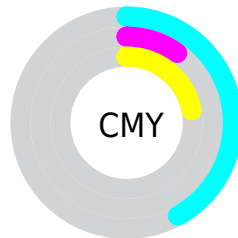
- Red (58%)
- Green (90%)
- Blue (78%)



- Red (58%)
- Yellow (78%)
- Blue (90%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (42%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 230, 199 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, 230, 199 by changing the saturation by 10% instead.


 149, 230, 199

 149, 230, 199


255, 255, 255

 122, 202, 172

 205, 255, 255

 94, 174, 145

 234, 255, 255

 67, 147, 119

 39, 121, 95

 0, 96, 71

 0, 72, 49

 0, 48, 28

 0, 28, 1

 0, 0, 0

 149, 230, 199

 149, 230, 199

 126, 230, 190

 172, 230, 208

 103, 230, 181

 195, 230, 217

 80, 230, 173

 218, 230, 225

 57, 230, 164

 241, 230, 234

 34, 230, 155

 255, 230, 243

 11, 230, 146

 255, 230, 252

 0, 230, 142

 255, 230, 255

Harmonies

Analogous

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



183, 225, 171



149, 230, 199



124, 231, 230

Triad

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



149, 230, 199



200, 211, 255



255, 198, 171

Complementary

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



149, 230, 199



230, 149, 180

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, 192, 197



149, 230, 199



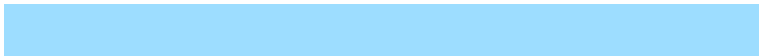
240, 200, 255

Square

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



149, 230, 199



157, 221, 255



255, 193, 229



248, 207, 155

Rectangle

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



149, 230, 199



121, 229, 249



255, 193, 229



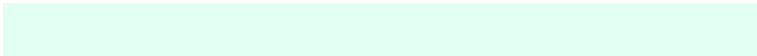
255, 195, 179

Sweetspot

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



149, 230, 199



227, 255, 244



180, 230, 149



111, 128, 121



0, 0, 0



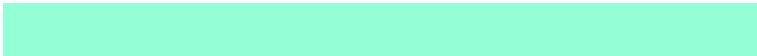
128, 128, 128

Same Dimension

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



149, 230, 199



148, 255, 214



149, 221, 230



103, 115, 110



0, 179, 110



0, 51, 31

Inverse Universe

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



230, 149, 180



255, 148, 189



230, 158, 149



115, 103, 108



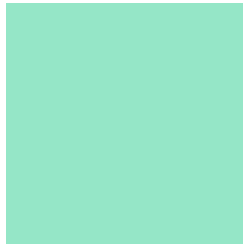
179, 0, 68



51, 0, 20

Previews

White Background



This preview shows how the RGB color 149, 230, 199 looks on a white background.

Color Contrast Check

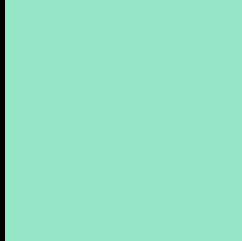
Large Text (above 18pt) WCAG AA × Fail

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, 230, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

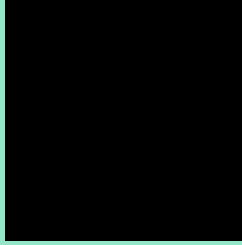
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

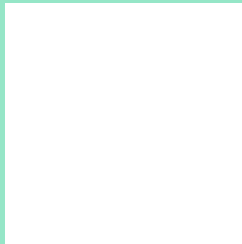
Any Text WCAG AAA ✓ Pass

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

RGB 149, 230, 199 Background



This preview shows how black text looks on a background with the RGB color 149, 230, 199.

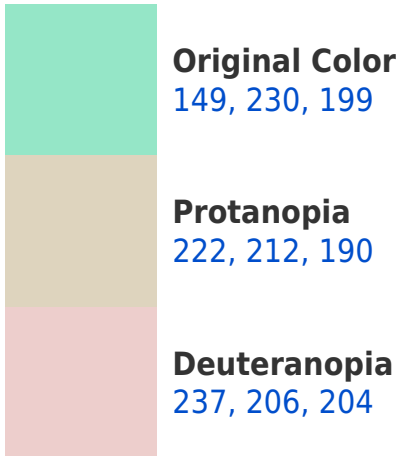


This preview shows how white text looks on a background with the RGB color 149, 230, 199.

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





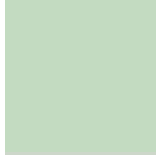
Tritanopia
159, 224, 242

Trichromacy



Original Color

149, 230, 199



Protanomaly

195, 219, 193



Deuteranomaly

205, 215, 202



Tritanomaly

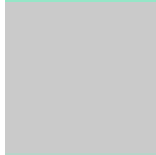
155, 226, 226

Monochromacy



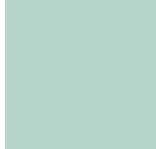
Original Color

149, 230, 199



Achromatopsia

202, 202, 202



Achromatomaly

183, 212, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 230, 199 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, 230, 199)` looks like.

```
.text, #text, p{  
    color:rgb(149, 230, 199)  
}
```

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, 230, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 230, 199) }
```

Border

The CSS property to change the border of an element to RGB 149, 230, 199 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, 230, 199) }
```

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

```
.border{ border-color:rgb(149, 230, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 230, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 230, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 230, 199);  
box-shadow:4px 4px 4px 4px rgb(149, 230,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 149, 230, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 230, 199) }
```

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

```
.background{ background-color: rgb(149,  
230, 199) }
```

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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