

Converting Colors

RGB(153, 229, 197)

Have a look what the booklet for
RGB(153, 229, 197) contains.

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Color

RGB(153, 229, 197)

Conversions

Conversions Part 1

Format	Color
Hex	99E5C5
RGB	153, 229, 197
RGB Percent	60%, 90%, 77%
CMY	0.4000, 0.1020, 0.2275
CMYK	0.33, 0.00, 0.14, 0.10
HSL	155°, 59%, 75%
HSV	155°, 33%, 90%
XYZ	51.2342, 66.8421, 63.0248
YIQ	202.6280, -35.0240, -26.0640

Conversions

Conversions Part 2

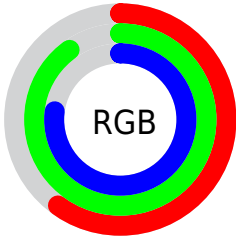
Format	Color
RYB	153, 201, 229
Decimal	10085829
CIELab	85.42, -30.25, 8.19
CIELCh	85, 31.341, 164.851
Yxy	66.8421, 0.2829, 0.3691
Android (android.graphics.Color)	4288275909 (0xFF99E5C5)
YUV	202.6280, -2.7746, -43.5238
Hunter-Lab	81.7570, -31.2152, 11.5245

Details

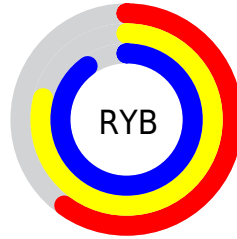
The RGB color **153, 229, 197** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **229, 153, 185**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **209, 255, 254**, and **99, 173, 143** is the 20% darker color. If you saturate the color by 10%, you get **130, 229, 187**, and if you desaturate by 10%, it is **176, 229, 207**.

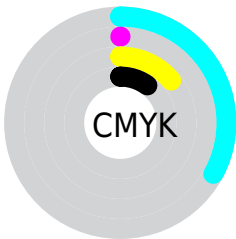
Distribution



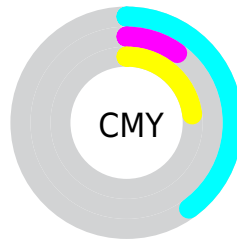
- Red (60%)
- Green (90%)
- Blue (77%)



- Red (60%)
- Yellow (79%)
- Blue (90%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (40%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 229, 197 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 153, 229, 197 by changing the saturation by 10% instead.

 153, 229, 197


255, 255, 255


 209, 255, 254


 238, 255, 255


 153, 229, 197

 126, 201, 170

 99, 173, 143

 72, 146, 118

 45, 120, 93

 11, 95, 69

 0, 71, 47

 0, 48, 26

 0, 28, 0

 0, 0, 0

 153, 229, 197

 153, 229, 197

 130, 229, 187

 176, 229, 207

 107, 229, 178

 199, 229, 216

 84, 229, 168

 222, 229, 226

 61, 229, 158

 245, 229, 236

 39, 229, 149

 255, 229, 245

 16, 229, 139

 255, 229, 255

 0, 229, 133

 255, 229, 255

Harmonies

Analogous

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



186, 224, 171



153, 229, 197



128, 230, 228

Triad

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



153, 229, 197



197, 211, 255



255, 197, 173

Complementary

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



153, 229, 197



229, 153, 185

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, 200



153, 229, 197



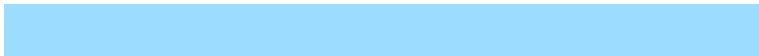
236, 201, 255

Square

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



153, 229, 197



156, 221, 255



255, 193, 230



249, 206, 157

Rectangle

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



153, 229, 197



124, 229, 246



255, 193, 230



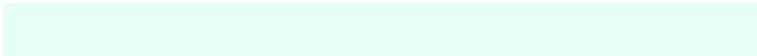
255, 195, 181

Sweetspot

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



153, 229, 197



230, 255, 244



186, 229, 153



112, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



153, 229, 197



153, 255, 212



153, 224, 229



103, 115, 110



0, 179, 103



0, 51, 30

Inverse Universe

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



229, 153, 185



255, 153, 196



229, 158, 153



115, 103, 108



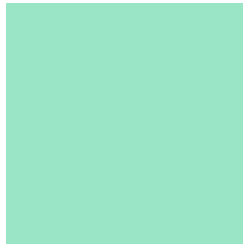
179, 0, 75



51, 0, 21

Previews

White Background



This preview shows how the RGB color 153, 229, 197 looks on a white background.

Color Contrast Check

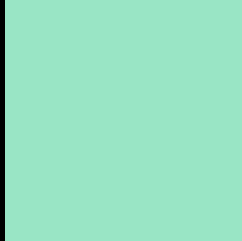
Large Text (above 18pt) WCAG AA × Fail

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 153, 229, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

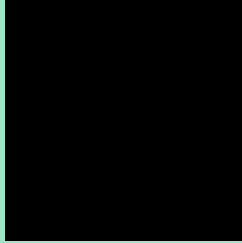
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

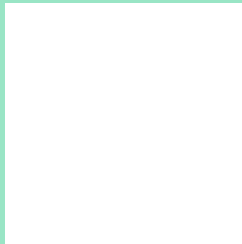
Any Text WCAG AAA ✓ Pass

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

RGB 153, 229, 197 Background



This preview shows how black text looks on a background with the RGB color 153, 229, 197.

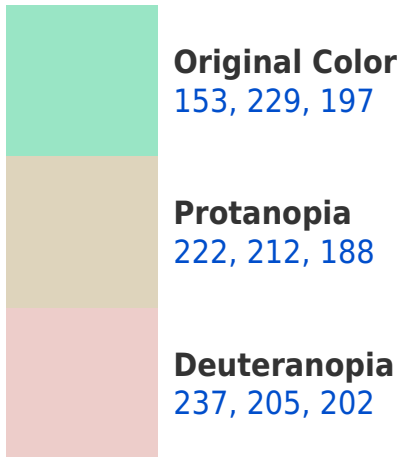


This preview shows how white text looks on a background with the RGB color 153, 229, 197.

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





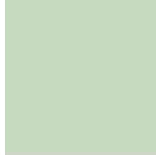
Tritanopia
163, 223, 241

Trichromacy



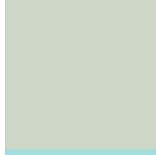
Original Color

153, 229, 197



Protanomaly

197, 218, 191



Deuteranomaly

206, 214, 200



Tritanomaly

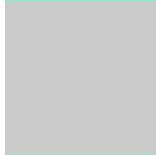
159, 225, 225

Monochromacy



Original Color

153, 229, 197



Achromatopsia

203, 203, 203



Achromatomaly

185, 212, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 229, 197 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(153, 229, 197)` looks like.

```
.text, #text, p{  
    color:rgb(153, 229, 197)  
}
```

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(153, 229, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 229, 197) }
```

Border

The CSS property to change the border of an element to RGB 153, 229, 197 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(153, 229, 197) }
```

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

```
.border{ border-color:rgb(153, 229, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 229, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 229, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 229, 197); box-shadow:4px 4px 4px 4px rgb(153, 229, 197) }
```

Background

The CSS property to change the background color of an element to RGB 153, 229, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 229, 197) }
```

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

```
.background{ background-color: rgb(153,  
229, 197) }
```

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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