

Converting Colors

RGB(149, 205, 195)

Have a look what the booklet for
RGB(149, 205, 195) contains.

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Color

RGB(149, 205, 195)

Conversions

Conversions Part 1

Format	Color
Hex	95CDC3
RGB	149, 205, 195
RGB Percent	58%, 80%, 76%
CMY	0.4157, 0.1961, 0.2353
CMYK	0.27, 0.00, 0.05, 0.20
HSL	169°, 36%, 69%
HSV	169°, 27%, 80%
XYZ	44.0761, 53.9923, 59.7283
YIQ	187.1160, -30.1660, -14.9820

Conversions

Conversions Part 2

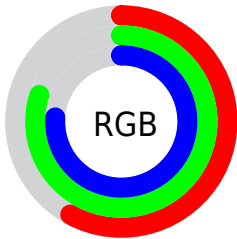
Format	Color
R _Y B	149, 180, 205
Decimal	9817539
CIE Lab	78.46, -20.13, -0.86
CIE LCh	78, 20.150, 182.455
Yxy	53.9923, 0.2793, 0.3422
Android (android.graphics.Color)	4288007619 (0xFF95CDC3)
YUV	187.1160, 3.8868, -33.4277
Hunter-Lab	73.4795, -21.5173, 3.2414

Details

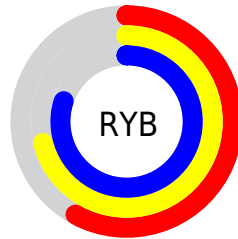
The RGB color **149, 205, 195** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 149, 159**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **204, 255, 252**, and **96, 151, 141** is the 20% darker color. If you saturate the color by 10%, you get **129, 205, 191**, and if you desaturate by 10%, it is **170, 205, 199**.

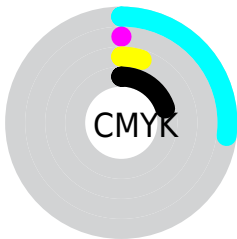
Distribution



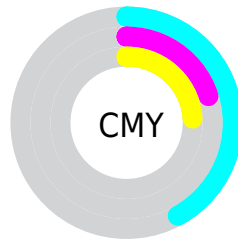
- Red (58%)
- Green (80%)
- Blue (76%)



- Red (58%)
- Yellow (71%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (42%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 205, 195 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, 205, 195 by changing the saturation by 10% instead.


 149, 205, 195


255, 255, 255


 204, 255, 252

 233, 255, 255

 149, 205, 195

 122, 177, 168

 96, 151, 141

 71, 125, 116

 45, 99, 91

 18, 75, 68

 0, 52, 46

 0, 32, 25

 0, 0, 0

 149, 205, 195

 149, 205, 195

 129, 205, 191

 170, 205, 199

 108, 205, 188

 190, 205, 202

 88, 205, 184

 211, 205, 206

 67, 205, 180

 231, 205, 210

 47, 205, 177

 252, 205, 213

 26, 205, 173

 255, 205, 217

 6, 205, 169

 255, 205, 221

 0, 205, 168

 255, 205, 224

 255, 205, 228

Harmonies

Analogous

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



165, 203, 176



149, 205, 195



144, 204, 213

Triad

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



149, 205, 195



199, 189, 226



224, 187, 162

Complementary

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



149, 205, 195



205, 149, 159

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.



233, 182, 175



149, 205, 195



220, 183, 212

Square

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



149, 205, 195



175, 195, 231



232, 181, 193



207, 193, 157

Rectangle

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



149, 205, 195



149, 202, 223



232, 181, 193



228, 185, 165

Sweetspot

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



149, 205, 195



235, 255, 251



159, 205, 149



115, 128, 125



0, 0, 0



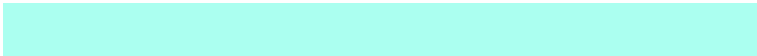
128, 128, 128

Same Dimension

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



149, 205, 195



171, 255, 240



149, 187, 205



92, 102, 100



0, 166, 136



0, 38, 31

Inverse Universe

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



205, 149, 159



255, 171, 186



205, 167, 149



102, 92, 94



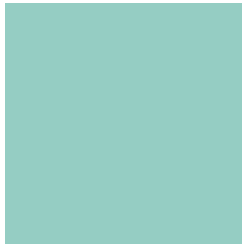
166, 0, 30



38, 0, 7

Previews

White Background



This preview shows how the RGB color 149, 205, 195 looks on a white background.

Color Contrast Check

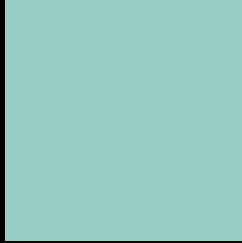
Large Text (above 18pt) WCAG AA × Fail

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, 205, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

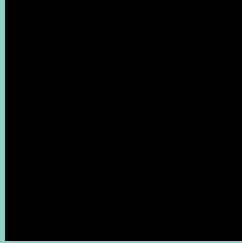
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

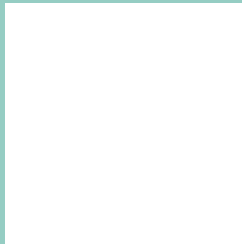
Any Text WCAG AAA ✓ Pass

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

RGB 149, 205, 195 Background



This preview shows how black text looks on a background with the RGB color 149, 205, 195.

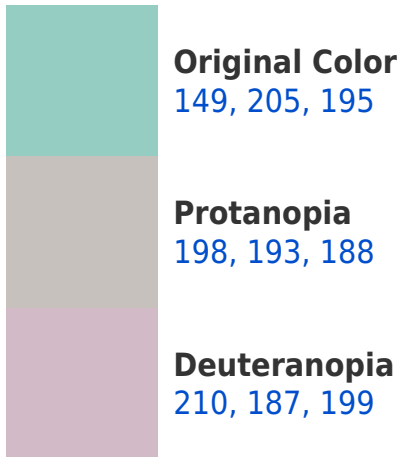


This preview shows how white text looks on a background with the RGB color 149, 205, 195.

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](#).

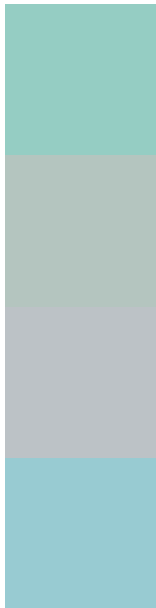
Dichromacy





Tritanopia
154, 202, 218

Trichromacy



Original Color
149, 205, 195

Protanomaly
180, 197, 191

Deuteranomaly
188, 194, 198

Tritanomaly
152, 203, 210

Monochromacy



Original Color
149, 205, 195

Achromatopsia
187, 187, 187

Achromatomaly
173, 194, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 205, 195 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, 205, 195)` looks like.

```
.text, #text, p{  
    color:rgb(149, 205, 195)  
}
```

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, 205, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 205, 195) }
```

Border

The CSS property to change the border of an element to RGB 149, 205, 195 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, 205, 195) }
```

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

```
.border{ border-color:rgb(149, 205, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 205, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 205, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 205, 195);  
box-shadow:4px 4px 4px 4px rgb(149, 205,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 149, 205, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 205, 195) }
```

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

```
.background{ background-color: rgb(149,  
205, 195) }
```

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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