

Converting Colors

RGB(149, 226, 226)

Have a look what the booklet for
RGB(149, 226, 226) contains.

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Color

RGB(149, 226, 226)

Conversions

Conversions Part 1

Format	Color
Hex	95E2E2
RGB	149, 226, 226
RGB Percent	58%, 89%, 89%
CMY	0.4157, 0.1137, 0.1137
CMYK	0.34, 0.00, 0.00, 0.11
HSL	180°, 57%, 74%
HSV	180°, 34%, 89%
XYZ	53.3182, 66.2733, 81.9334
YIQ	202.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

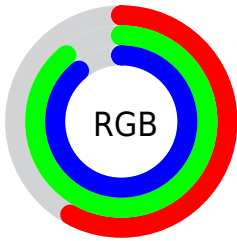
Format	Color
RYB	149, 188, 226
Decimal	9822946
CIELab	85.14, -23.56, -7.54
CIELCh	85, 24.741, 197.746
Yxy	66.2733, 0.2646, 0.3289
Android (android.graphics.Color)	4288013026 (0xFF95E2E2)
YUV	202.9770, 11.3503, -47.3378
Hunter-Lab	81.4084, -25.5565, -2.6865

Details

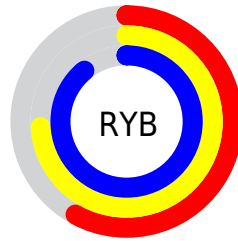
The RGB color **149, 226, 226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **226, 149, 149**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **206, 255, 255**, and **94, 170, 171** is the 20% darker color. If you saturate the color by 10%, you get **126, 226, 226**, and if you desaturate by 10%, it is **172, 226, 226**.

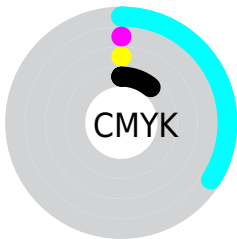
Distribution



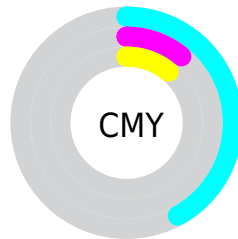
- Red (58%)
- Green (89%)
- Blue (89%)



- Red (58%)
- Yellow (74%)
- Blue (89%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 149, 226, 226 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, 226, 226 by changing the saturation by 10% instead.


 149, 226, 226

 149, 226, 226


255, 255, 255


 121, 198, 198

 206, 255, 255

 94, 170, 171

 235, 255, 255

 66, 144, 144

 36, 118, 119

 0, 93, 94

 0, 69, 70

 0, 46, 48

 0, 27, 27

 0, 0, 0

 149, 226, 226

 149, 226, 226

 126, 226, 226

 172, 226, 226

 104, 226, 226

 194, 226, 226

 81, 226, 226

 217, 226, 226

 59, 226, 226

 239, 226, 226

 36, 226, 226

 255, 226, 226

 13, 226, 226

 0, 226, 226

Harmonies

Analogous

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



164, 225, 202



149, 226, 226



152, 223, 246

Triad

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



149, 226, 226



233, 202, 244



240, 208, 167

Complementary

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



149, 226, 226



226, 149, 149

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, 201, 179



149, 226, 226



254, 197, 223

Square

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



149, 226, 226



204, 210, 255



255, 196, 199



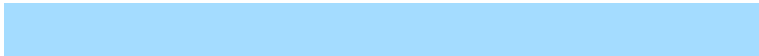
216, 216, 168

Rectangle

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



149, 226, 226



164, 220, 255



255, 196, 199



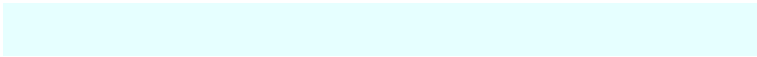
246, 205, 170

Sweetspot

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



149, 226, 226



230, 255, 255



149, 226, 149



112, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 226, 226



150, 255, 255



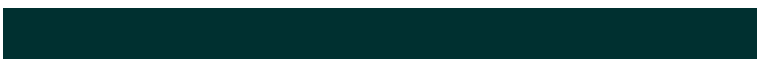
149, 187, 226



101, 112, 112



0, 176, 176



0, 48, 48

Inverse Universe

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



226, 149, 226



255, 150, 255



226, 187, 149



112, 101, 112



176, 0, 176



48, 0, 48

Previews

White Background



This preview shows how the RGB color 149, 226, 226 looks on a white background.

Color Contrast Check

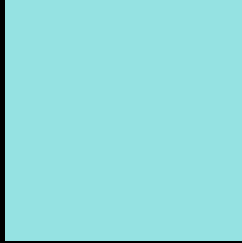
Large Text (above 18pt) WCAG AA × Fail

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, 226, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

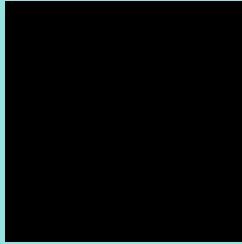
Any Text WCAG AA ✓ Pass

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, 226, 226 Background



This preview shows how black text looks on a background with the RGB color 149, 226, 226.

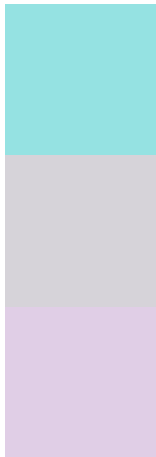


This preview shows how white text looks on a background with the RGB color 149, 226, 226.

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



Original Color
149, 226, 226

Protanopia
214, 211, 217

Deuteranopia
224, 206, 230



Tritanopia
153, 224, 242

Trichromacy



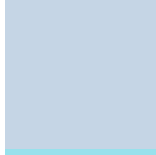
Original Color

149, 226, 226



Protanomaly

190, 216, 220



Deuteranomaly

197, 213, 229



Tritanomaly

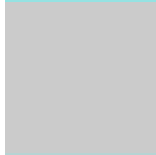
152, 225, 236

Monochromacy



Original Color

149, 226, 226



Achromatopsia

203, 203, 203



Achromatomaly

183, 211, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 226, 226 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, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(149, 226, 226)  
}
```

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, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 226, 226) }
```

Border

The CSS property to change the border of an element to RGB 149, 226, 226 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, 226, 226) }
```

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

```
.border{ border-color:rgb(149, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(149, 226,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 149, 226, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 226, 226) }
```

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

```
.background{ background-color: rgb(149,  
226, 226) }
```

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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