Converting Colors

RGB(149, 226, 227)

Have a look what the booklet for RGB(149, 226, 227) contains.

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Color

RGB(149, 226, 227)

Conversions

Conversions Part 1

Format	Color
Hex	95E2E3
RGB	149, 226, 227
RGB Percent	58%, 89%, 89%
CMY	0.4157, 0.1137, 0.1098
CMYK	0.34, 0.00, 0.00, 0.11
HSL	181°, 58%, 74%
HSV	181°, 34%, 89%
XYZ	53.4559, 66.3283, 82.6583
YIQ	203.0910, -46.2130, -16.0130

Conversions

Conversions Part 2

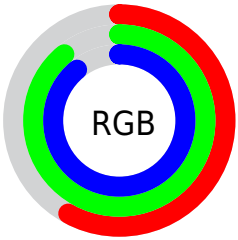
Format	Color
RYB	149, 188, 227
Decimal	9822947
CIELab	85.16, -23.33, -8.03
CIELCh	85, 24.672, 198.988
Yxy	66.3283, 0.2641, 0.3276
Android (android.graphics.Color)	4288013027 (0xFF95E2E3)
YUV	203.0910, 11.7871, -47.4378
Hunter-Lab	81.4422, -25.3625, -3.1658

Details

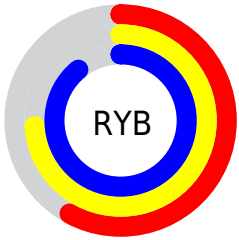
The RGB color 149, 226, 227 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 227, 150, 149, and the grayscale version is 203, 203, 203.

A 20% lighter version of the original color is 206, 255, 255, and 94, 170, 172 is the 20% darker color. If you saturate the color by 10%, you get 126, 226, 227, and if you desaturate by 10%, it is 172, 226, 227.

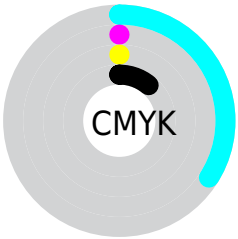
Distribution



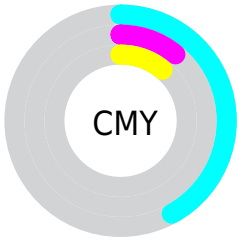
- Red (58%)
- Green (89%)
- Blue (89%)



- 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, 227 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, 227 by changing the saturation by 10% instead.

149, 226, 227

255, 255, 255

206, 255, 255

235, 255, 255

149, 226, 227

121, 198, 199

94, 170, 172

66, 144, 145

36, 118, 120

0, 93, 95

0, 69, 71

0, 46, 49

0, 27, 28

0, 0, 0

149, 226, 227

126, 226, 227

104, 225, 227

81, 225, 227

58, 225, 227

36, 225, 227

13, 224, 227

0, 224, 227

149, 226, 227

172, 226, 227

194, 227, 227

217, 227, 227

240, 227, 227

255, 227, 227

255, 228, 227

255, 228, 227

255, 228, 227

255, 229, 227

Harmonies

Analogous

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

164, 226, 203

149, 226, 227

152, 223, 247

Triad

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

149, 226, 227

234, 202, 244

239, 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, 227

227, 150, 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, 178

149, 226, 227

254, 197, 222

Square

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

149, 226, 227

205, 210, 255

255, 197, 199

215, 216, 168

Rectangle

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

149, 226, 227

166, 220, 255

255, 197, 199

245, 206, 170

Sweetspot

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

149, 226, 227

230, 255, 255

149, 227, 149

112, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

149, 226, 227

150, 254, 255

149, 188, 227

103, 115, 115

0, 176, 179

0, 50, 51

Inverse Universe

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

227, 149, 226

255, 150, 254

227, 188, 149

115, 103, 115

179, 0, 176

51, 0, 50

Previews

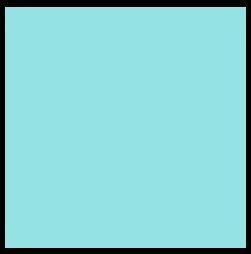
White Background

This preview shows how the RGB color 149, 226, 227 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



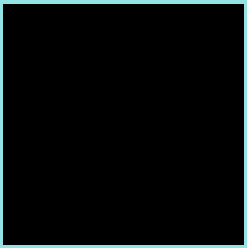
This preview shows how the RGB color 149, 226, 227 looks on a black background.

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, 227 Background



This preview shows how black text looks on a background with the RGB color 149, 226, 227.

This preview shows how white text looks on a background with the RGB color 149, 226, 227.

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, 227

Protanopia
214, 211, 218

Deuteranopia
223, 206, 231

Tritanopia
153, 224, 242

Trichromacy

Original Color
149, 226, 227

Protanomaly
190, 216, 221

Deuteranomaly
196, 213, 230

Tritanomaly
152, 225, 237

Monochromacy

Original Color
149, 226, 227

Achromatopsia
203, 203, 203

Achromatomaly
183, 211, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 226, 227 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, 227) looks like.

```
.text, #text, p{
    color:rgb(149, 226, 227)
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 226, 227) }
```

Border

The CSS property to change the border of an element to RGB 149, 226, 227 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, 227) }
```

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

```
.border{ border-color:rgb(149, 226, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 226, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 226, 227); box-shadow:4px 4px 4px 4px rgb(149, 226, 227) }
```

Background

The CSS property to change the background color of an element to RGB 149, 226, 227 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, 227) }
```

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

```
.background{ background-color:rgb(149,
226, 227) }
```

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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