Converting Colors

RGB(149, 242, 231)

Have a look what the booklet for RGB(149, 242, 231) contains.

Color

RGB(149, 242, 231)

Conversions

Conversions Part 1

Format	Color
Hex	95F2E7
RGB	149, 242, 231
RGB Percent	58%, 95%, 91%
CMY	0.4157, 0.0510, 0.0941
CMYK	0.38, 0.00, 0.05, 0.05
HSL	173°, 78%, 77%
HSV	173°, 38%, 95%
XYZ	58.5704, 75.6633, 87.1188
YIQ	212.9390, -51.8970, -23.1370

Conversions

Conversions Part 2

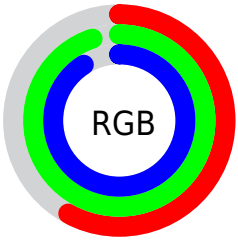
Format	Color
RYB	149, 198, 242
Decimal	9827047
CIELab	89.70, -30.13, -3.43
CIELCh	90, 30.326, 186.487
Yxy	75.6633, 0.2646, 0.3418
Android (android.graphics.Color)	4288017127 (0xFF95F2E7)
YUV	212.9390, 8.9041, -56.0745
Hunter-Lab	86.9847, -32.0318, 1.5079

Details

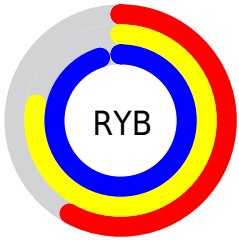
The RGB color 149, 242, 231 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 242, 149, 160, and the grayscale version is 213, 213, 213.

A 20% lighter version of the original color is 207, 255, 255, and 92, 186, 176 is the 20% darker color. If you saturate the color by 10%, you get 125, 242, 228, and if you desaturate by 10%, it is 173, 242, 234.

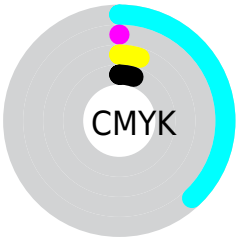
Distribution



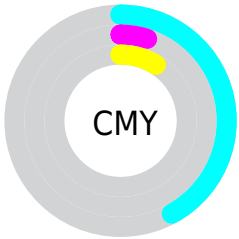
- Red (58%)
- Green (95%)
- Blue (91%)



- Red (58%)
- Yellow (78%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 242, 231 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, 242, 231 by changing the saturation by 10% instead.

149, 242, 231

255, 255, 255

207, 255, 255

236, 255, 255

149, 242, 231

121, 213, 203

92, 186, 176

63, 158, 149

29, 132, 123

0, 106, 98

0, 82, 75

0, 58, 52

0, 37, 31

0, 0, 7

149, 242, 231

125, 242, 228

101, 242, 225

76, 242, 222

52, 242, 220

28, 242, 217

4, 242, 214

0, 242, 213

149, 242, 231

173, 242, 234

197, 242, 237

222, 242, 240

246, 242, 242

255, 242, 245

255, 242, 248

255, 242, 251

255, 242, 254

255, 242, 255

Harmonies

Analogous

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

176, 240, 202

149, 242, 231

141, 240, 255

Triad

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

149, 242, 231

238, 216, 255

255, 216, 173

Complementary

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

149, 242, 231

242, 149, 160

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, 208, 192

149, 242, 231

255, 208, 249

Square

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

149, 242, 231

199, 226, 255

255, 205, 220

241, 226, 168

Rectangle

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

149, 242, 231

152, 237, 255

255, 205, 220

255, 213, 178

Sweetspot

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

149, 242, 231

224, 255, 251

161, 242, 149

110, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

149, 242, 231

138, 255, 241

149, 208, 242

108, 120, 118

0, 184, 162

0, 56, 49

Inverse Universe

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

242, 149, 160

255, 138, 152

242, 183, 149

120, 108, 109

184, 0, 22

56, 0, 7

Previews

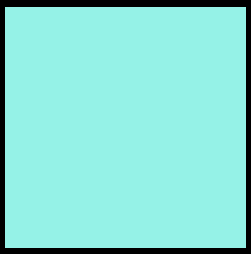
White Background

This preview shows how the RGB color 149, 242, 231 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



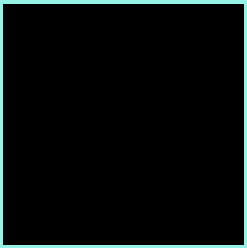
This preview shows how the RGB color 149, 242, 231 looks on a black background.

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, 242, 231 Background



This preview shows how black text looks on a background with the RGB color 149, 242, 231.

This preview shows how white text looks on a background with the RGB color 149, 242, 231.

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, 242, 231

Protanopia
229, 223, 220

Deuteranopia
241, 218, 236

Tritanopia
162, 237, 255

Trichromacy

Original Color
149, 242, 231

Protanomaly
200, 230, 224

Deuteranomaly
208, 227, 234

Tritanomaly
157, 239, 246

Monochromacy

Original Color
149, 242, 231

Achromatopsia
213, 213, 213

Achromatomaly
190, 224, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 242, 231 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, 242, 231) looks like.

```
.text, #text, p{
    color:rgb(149, 242, 231)
}
```

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, 242, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 242, 231) }
```

Border

The CSS property to change the border of an element to RGB 149, 242, 231 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, 242, 231) }
```

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

```
.border{ border-color:rgb(149, 242, 231) }
```

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

Here you see how a box with a 4 pixel rgb(149, 242, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 242, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 242, 231); box-shadow:4px 4px 4px 4px rgb(149, 242, 231) }
```

Background

The CSS property to change the background color of an element to RGB 149, 242, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(149, 242, 231) }
```

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

```
.background{ background-color:rgb(149,
242, 231) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor