

Converting Colors

RGB(147, 229, 225)

Have a look what the booklet for
RGB(147, 229, 225) contains.

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Color

RGB(147, 229, 225)

Conversions

Conversions Part 1

Format	Color
Hex	93E5E1
RGB	147, 229, 225
RGB Percent	58%, 90%, 88%
CMY	0.4235, 0.1020, 0.1176
CMYK	0.36, 0.00, 0.02, 0.10
HSL	177°, 61%, 74%
HSV	177°, 36%, 90%
XYZ	53.6425, 67.6779, 81.4700
YIQ	204.0260, -47.5880, -18.6280

Conversions

Conversions Part 2

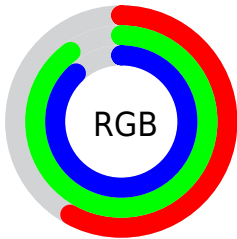
Format	Color
RYB	147, 189, 229
Decimal	9692641
CIELab	85.85, -25.79, -5.97
CIELCh	86, 26.471, 193.044
Yxy	67.6779, 0.2645, 0.3337
Android (android.graphics.Color)	4287882721 (0xFF93E5E1)
YUV	204.0260, 10.3402, -50.0118
Hunter-Lab	82.2666, -27.5743, -1.1293

Details

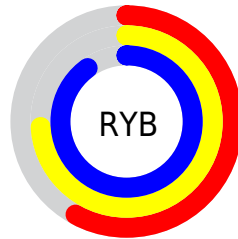
The RGB color **147, 229, 225** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **229, 147, 151**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **204, 255, 255**, and **91, 173, 170** is the 20% darker color. If you saturate the color by 10%, you get **124, 229, 224**, and if you desaturate by 10%, it is **170, 229, 226**.

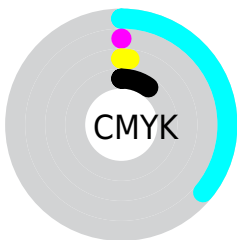
Distribution



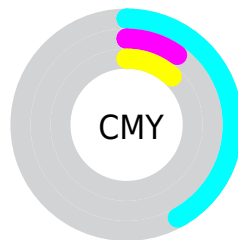
- Red (58%)
- Green (90%)
- Blue (88%)



- Red (58%)
- Yellow (74%)
- Blue (90%)



- Cyan (36%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (42%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 229, 225 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 147, 229, 225 by changing the saturation by 10% instead.


 147, 229, 225

 147, 229, 225


255, 255, 255


 119, 201, 197

 204, 255, 255

 91, 173, 170

 233, 255, 255

 63, 146, 143

 32, 120, 118

 0, 95, 93

 0, 71, 70

 0, 48, 47

 0, 29, 26


 0, 0, 0

 147, 229, 225

 147, 229, 225

 124, 229, 224

 170, 229, 226

 101, 229, 223

 193, 229, 227

 78, 229, 222

 216, 229, 228

 55, 229, 221

 239, 229, 229

 32, 229, 219

 255, 229, 231

 10, 229, 218

 255, 229, 232

 0, 229, 218

 255, 229, 233

 255, 229, 234

 255, 229, 235

Harmonies

Analogous

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



166, 228, 199



147, 229, 225



146, 227, 248

Triad

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



147, 229, 225



232, 205, 251



246, 208, 167

Complementary

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



147, 229, 225



229, 147, 151

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, 182



147, 229, 225



255, 198, 230

Square

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



147, 229, 225



200, 213, 255



255, 197, 204



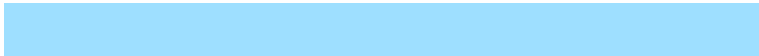
222, 217, 166

Rectangle

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



147, 229, 225



158, 223, 255



255, 197, 204



253, 205, 171

Sweetspot

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



147, 229, 225



227, 255, 254



151, 229, 147



111, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



147, 229, 225



145, 255, 250



147, 192, 229



103, 115, 114



0, 179, 170



0, 51, 49

Inverse Universe

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



229, 147, 151



255, 145, 151



229, 184, 147



115, 103, 104



179, 0, 9



51, 0, 2

Previews

White Background



This preview shows how the RGB color 147, 229, 225 looks on a white background.

Color Contrast Check

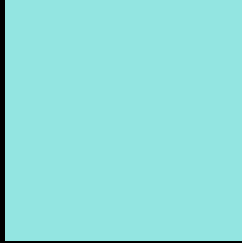
Large Text (above 18pt) WCAG AA × Fail

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 147, 229, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

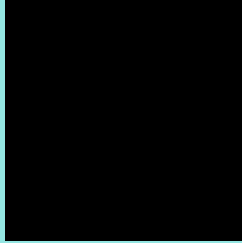
Any Text WCAG AA ✓ Pass

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 147, 229, 225 Background



This preview shows how black text looks on a background with the RGB color 147, 229, 225.



This preview shows how white text looks on a background with the RGB color 147, 229, 225.

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





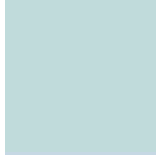
Tritanopia
152, 226, 244

Trichromacy



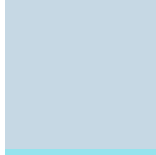
Original Color

147, 229, 225



Protanomaly

192, 219, 219



Deuteranomaly

198, 216, 228



Tritanomaly

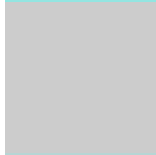
150, 227, 237

Monochromacy



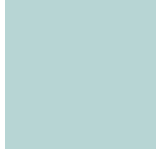
Original Color

147, 229, 225



Achromatopsia

204, 204, 204



Achromatomaly

183, 213, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 229, 225 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(147, 229, 225)` looks like.

```
.text, #text, p{  
    color:rgb(147, 229, 225)  
}
```

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(147, 229, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 229, 225) }
```

Border

The CSS property to change the border of an element to RGB 147, 229, 225 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(147, 229, 225) }
```

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

```
.border{ border-color:rgb(147, 229, 225) }
```

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

Here you see how a box with a 4 pixel rgb(147, 229, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 229, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 229, 225);  
box-shadow:4px 4px 4px 4px rgb(147, 229,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 147, 229, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 229, 225) }
```

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

```
.background{ background-color: rgb(147,  
229, 225) }
```

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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