

Converting Colors

RGB(127, 238, 234)

Have a look what the booklet for
RGB(127, 238, 234) contains.

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Color

RGB(127, 238, 234)

Conversions

Conversions Part 1

Format	Color
Hex	7FEEEA
RGB	127, 238, 234
RGB Percent	50%, 93%, 92%
CMY	0.5020, 0.0667, 0.0824
CMYK	0.47, 0.00, 0.02, 0.07
HSL	178°, 77%, 72%
HSV	178°, 47%, 93%
XYZ	54.1782, 71.6016, 88.8069
YIQ	204.3550, -64.8720, -24.7760

Conversions

Conversions Part 2

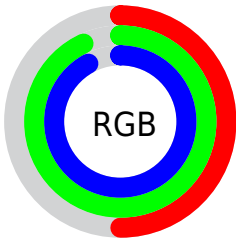
Format	Color
RYB	127, 184, 238
Decimal	8384234
CIELab	87.78, -32.74, -7.94
CIELCh	88, 33.690, 193.630
Yxy	71.6016, 0.2525, 0.3337
Android (android.graphics.Color)	4286574314 (0xFF7FEEEA)
YUV	204.3550, 14.6150, -67.8403
Hunter-Lab	84.6177, -33.7928, -2.9929

Details

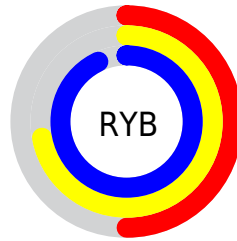
The RGB color **127, 238, 234** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **238, 127, 131**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **186, 255, 255**, and **65, 182, 178** is the 20% darker color. If you saturate the color by 10%, you get **103, 238, 233**, and if you desaturate by 10%, it is **151, 238, 235**.

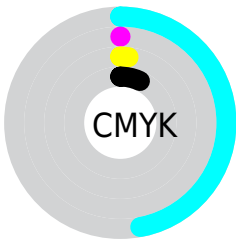
Distribution



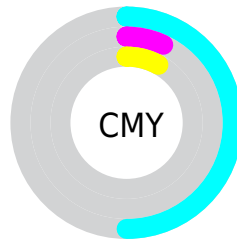
- Red (50%)
- Green (93%)
- Blue (92%)



- Red (50%)
- Yellow (72%)
- Blue (93%)



- Cyan (47%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (50%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 238, 234 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 127, 238, 234 by changing the saturation by 10% instead.


 127, 238, 234

 127, 238, 234


255, 255, 255

 97, 209, 206

 186, 255, 255

 65, 182, 178

 216, 255, 255

 24, 155, 152

 246, 255, 255

 0, 128, 126

 0, 103, 101

 0, 78, 77

 0, 54, 54

 0, 35, 33

 0, 0, 10

127, 238, 234

127, 238, 234

103, 238, 233

151, 238, 235

79, 238, 232

175, 238, 236

56, 238, 231

198, 238, 237

32, 238, 231

222, 238, 237

8, 238, 230

246, 238, 238

0, 238, 229

255, 238, 239

255, 238, 240

255, 238, 241

255, 238, 242

Harmonies

Analogous

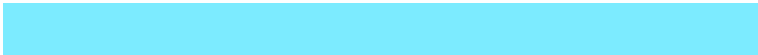
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



156, 237, 201



127, 238, 234



124, 235, 255

Triad

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



127, 238, 234



243, 207, 255



255, 212, 159

Complementary

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



127, 238, 234



238, 127, 131

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, 202, 177



127, 238, 234



255, 199, 239

Square

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



127, 238, 234



200, 218, 255



255, 197, 206



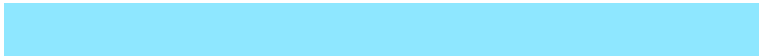
228, 223, 157

Rectangle

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



127, 238, 234



142, 231, 255



255, 197, 206



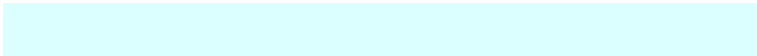
255, 208, 164

Sweetspot

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



127, 238, 234



219, 255, 254



133, 238, 127



106, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



127, 238, 234



112, 255, 250



127, 188, 238



108, 120, 119



0, 184, 177



0, 56, 54

Inverse Universe

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



238, 127, 131



255, 112, 117



238, 177, 127



120, 108, 108



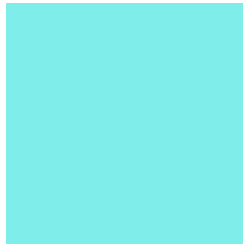
184, 0, 7



56, 0, 2

Previews

White Background



This preview shows how the RGB color 127, 238, 234 looks on a white background.

Color Contrast Check

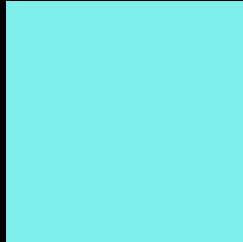
Large Text (above 18pt) WCAG AA × Fail

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 127, 238, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

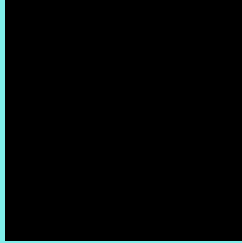
Any Text WCAG AA ✓ Pass

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 127, 238, 234 Background



This preview shows how black text looks on a background with the RGB color 127, 238, 234.

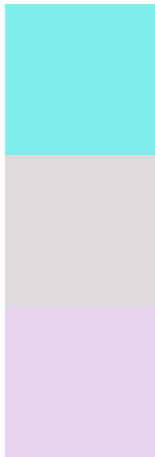


This preview shows how white text looks on a background with the RGB color 127, 238, 234.

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
127, 238, 234

Protanopia
222, 218, 222

Deuteranopia
231, 213, 239



Tritanopia
133, 235, 254

Trichromacy



Original Color

127, 238, 234



Protanomaly

187, 225, 226



Deuteranomaly

193, 222, 237



Tritanomaly

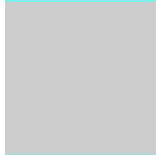
131, 236, 247

Monochromacy



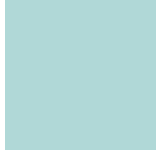
Original Color

127, 238, 234



Achromatopsia

204, 204, 204



Achromatomaly

176, 216, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 238, 234 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(127, 238, 234)` looks like.

```
.text, #text, p{  
    color:rgb(127, 238, 234)  
}
```

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(127, 238, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 238, 234) }
```

Border

The CSS property to change the border of an element to RGB 127, 238, 234 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(127, 238, 234) }
```

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

```
.border{ border-color:rgb(127, 238, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 238, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 238, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 238, 234);  
box-shadow:4px 4px 4px 4px rgb(127, 238,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 127, 238, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 238, 234) }
```

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

```
.background{ background-color: rgb(127,  
238, 234) }
```

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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