

Converting Colors

RGB(135, 240, 228)

Have a look what the booklet for
RGB(135, 240, 228) contains.

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Color

RGB(135, 240, 228)

Conversions

Conversions Part 1

Format	Color
Hex	87F0E4
RGB	135, 240, 228
RGB Percent	53%, 94%, 89%
CMY	0.4706, 0.0588, 0.1059
CMYK	0.44, 0.00, 0.05, 0.06
HSL	173°, 78%, 74%
HSV	173°, 44%, 94%
XYZ	55.1554, 73.0725, 84.5962
YIQ	207.2370, -58.7280, -25.9920

Conversions

Conversions Part 2

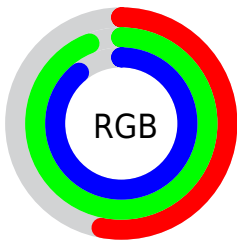
Format	Color
RYB	135, 191, 240
Decimal	8909028
CIELab	88.48, -33.31, -3.72
CIElCh	88, 33.514, 186.374
Yxy	73.0725, 0.2592, 0.3433
Android (android.graphics.Color)	4287099108 (0xFF87F0E4)
YUV	207.2370, 10.2362, -63.3518
Hunter-Lab	85.4825, -34.4218, 1.1624

Details

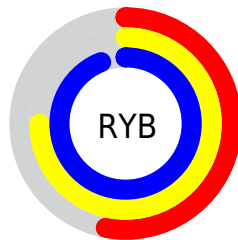
The RGB color **135, 240, 228** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **240, 135, 147**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **193, 255, 255**, and **76, 184, 173** is the 20% darker color. If you saturate the color by 10%, you get **111, 240, 225**, and if you desaturate by 10%, it is **159, 240, 231**.

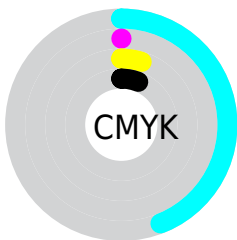
Distribution



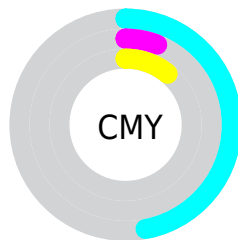
- Red (53%)
- Green (94%)
- Blue (89%)



- Red (53%)
- Yellow (75%)
- Blue (94%)



- Cyan (44%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (47%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 240, 228 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 135, 240, 228 by changing the saturation by 10% instead.

 135, 240, 228

255, 255, 255


 193, 255, 255


 223, 255, 255

253, 255, 255


 135, 240, 228


 106, 211, 200

 76, 184, 173


 42, 156, 146

 0, 130, 120

 0, 104, 96

 0, 80, 72


 0, 56, 50

 0, 36, 29

 0, 0, 3

 135, 240, 228

 135, 240, 228

 111, 240, 225

 159, 240, 231


 87, 240, 223

 183, 240, 233

 63, 240, 220

 207, 240, 236

 39, 240, 217

 231, 240, 239

 15, 240, 214

 255, 240, 242

 0, 240, 213

 255, 240, 244

 255, 240, 247

 255, 240, 250

 255, 240, 253

Harmonies

Analogous

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



166, 238, 195



135, 240, 228



125, 238, 255

Triad

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



135, 240, 228



236, 211, 255



255, 211, 164

Complementary

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



135, 240, 228



240, 135, 147

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, 186



135, 240, 228



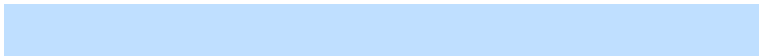
255, 202, 248

Square

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



135, 240, 228



191, 223, 255



255, 199, 216



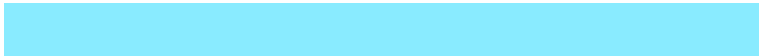
238, 222, 158

Rectangle

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



135, 240, 228



137, 235, 255



255, 199, 216



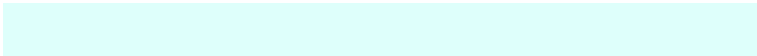
255, 208, 170

Sweetspot

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



135, 240, 228



222, 255, 251



147, 240, 135



107, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



135, 240, 228



120, 255, 240



135, 200, 240



108, 120, 118



0, 184, 163



0, 56, 50

Inverse Universe

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



240, 135, 147



255, 120, 135



240, 175, 135



120, 108, 109



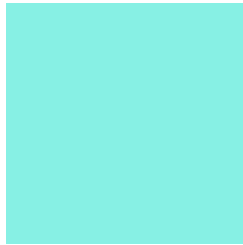
184, 0, 21



56, 0, 6

Previews

White Background



This preview shows how the RGB color 135, 240, 228 looks on a white background.

Color Contrast Check

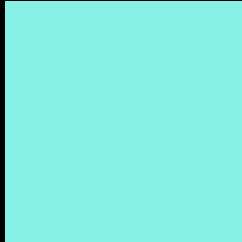
Large Text (above 18pt) WCAG AA × Fail

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 135, 240, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

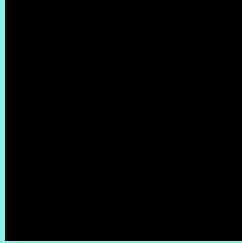
Any Text WCAG AA ✓ Pass

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 135, 240, 228 Background



This preview shows how black text looks on a background with the RGB color 135, 240, 228.



This preview shows how white text looks on a background with the RGB color 135, 240, 228.

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





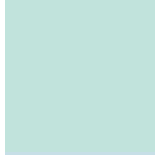
Tritanopia
143, 236, 255

Trichromacy



Original Color

135, 240, 228



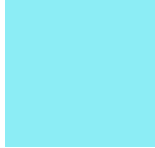
Protanomaly

193, 227, 220



Deuteranomaly

199, 223, 231



Tritanomaly

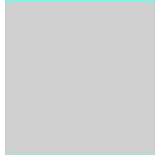
140, 237, 245

Monochromacy



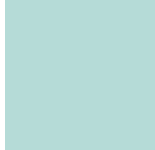
Original Color

135, 240, 228



Achromatopsia

207, 207, 207



Achromatomaly

181, 219, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 240, 228 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(135, 240, 228)` looks like.

```
.text, #text, p{  
    color:rgb(135, 240, 228)  
}
```

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(135, 240, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 240, 228) }
```

Border

The CSS property to change the border of an element to RGB 135, 240, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

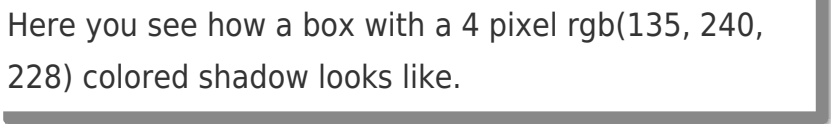
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 240, 228) }
```

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

```
.border{ border-color:rgb(135, 240, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 240, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 240, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 240, 228); box-shadow:4px 4px 4px 4px rgb(135, 240, 228) }
```

Background

The CSS property to change the background color of an element to RGB 135, 240, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 240, 228) }
```

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

```
.background{ background-color: rgb(135,  
240, 228) }
```

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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