

Converting Colors

RGB(135, 255, 238)

Have a look what the booklet for
RGB(135, 255, 238) contains.

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Color

RGB(135, 255, 238)

Conversions

Conversions Part 1

Format	Color
Hex	87FFEE
RGB	135, 255, 238
RGB Percent	53%, 100%, 93%
CMY	0.4706, 0.0000, 0.0667
CMYK	0.47, 0.00, 0.07, 0.00
HSL	172°, 100%, 76%
HSV	172°, 47%, 100%
XYZ	61.1843, 82.8439, 93.6546
YIQ	217.1820, -66.0630, -30.7270

Conversions

Conversions Part 2

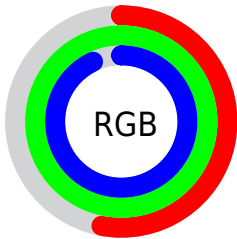
Format	Color
RYB	135, 200, 255
Decimal	8912878
CIELab	92.95, -37.87, -2.37
CIELCh	93, 37.947, 183.575
Yxy	82.8439, 0.2574, 0.3485
Android (android.graphics.Color)	4287102958 (0xFF87FFEE)
YUV	217.1820, 10.2633, -72.0736
Hunter-Lab	91.0186, -39.2919, 2.7059

Details

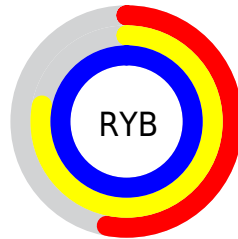
The RGB color **135, 255, 238** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **255, 135, 152**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **194, 255, 255**, and **73, 198, 182** is the 20% darker color. If you saturate the color by 10%, you get **110, 255, 234**, and if you desaturate by 10%, it is **161, 255, 242**.

Distribution



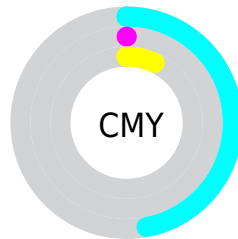
- Red (53%)
- Green (100%)
- Blue (93%)



- Red (53%)
- Yellow (78%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 255, 238 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, 255, 238 by changing the saturation by 10% instead.

 135, 255, 238

255, 255, 255


 194, 255, 255


 224, 255, 255

255, 255, 255


 135, 255, 238

 105, 226, 210

 73, 198, 182

 35, 170, 155

 0, 143, 129

 0, 117, 104

 0, 92, 80

 0, 67, 57


 0, 45, 36

 0, 19, 15

 135, 255, 238

 135, 255, 238

 110, 255, 234

 161, 255, 242

 84, 255, 231

 186, 255, 245

 58, 255, 227

 212, 255, 249

 33, 255, 224

 237, 255, 252

 8, 255, 220

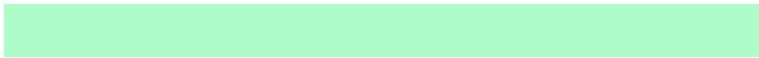
255, 255, 255

 0, 255, 219

Harmonies

Analogous

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



174, 252, 201



135, 255, 238



117, 253, 255

Triad

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



135, 255, 238



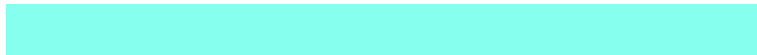
246, 224, 255



255, 221, 170

Complementary

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



135, 255, 238



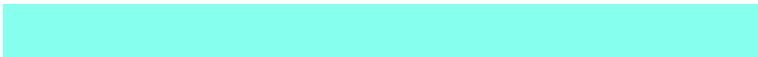
255, 135, 152

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, 211, 196



135, 255, 238



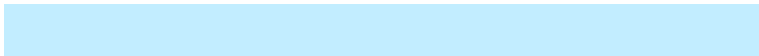
255, 212, 255

Square

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



135, 255, 238



194, 237, 255



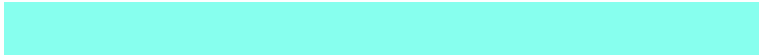
255, 207, 232



255, 234, 162

Rectangle

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



135, 255, 238



130, 250, 255



255, 207, 232



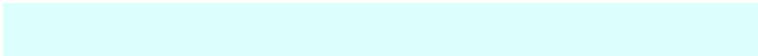
255, 218, 177

Sweetspot

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



135, 255, 238



219, 255, 250



153, 255, 135



106, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

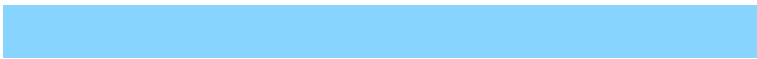
The Same Dimension uses a secret algorithm to generate beautiful new colors.



135, 255, 238



112, 255, 235



135, 213, 255



115, 128, 126



0, 191, 164



0, 64, 55

Inverse Universe

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



255, 135, 152



255, 112, 132



255, 177, 135



128, 115, 117



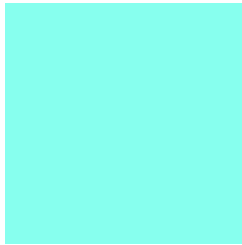
191, 0, 27



64, 0, 9

Previews

White Background



This preview shows how the RGB color 135, 255, 238 looks on a white background.

Color Contrast Check

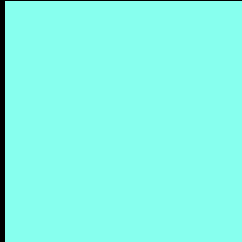
Large Text (above 18pt) WCAG AA × Fail

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, 255, 238 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, 255, 238 Background



This preview shows how black text looks on a background with the RGB color 135, 255, 238.



This preview shows how white text looks on a background with the RGB color 135, 255, 238.

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





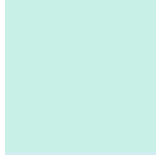
Tritanopia
190, 243, 255

Trichromacy



Original Color

135, 255, 238



Protanomaly

201, 240, 230



Deuteranomaly

209, 237, 242



Tritanomaly

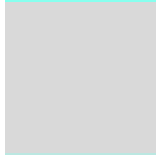
170, 247, 249

Monochromacy



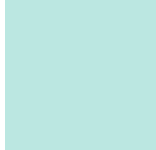
Original Color

135, 255, 238



Achromatopsia

217, 217, 217



Achromatomaly

187, 231, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 255, 238 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, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(135, 255, 238)  
}
```

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, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 255, 238) }
```

Border

The CSS property to change the border of an element to RGB 135, 255, 238 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, 255, 238) }
```

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

```
.border{ border-color:rgb(135, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(135, 255,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 135, 255, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 255, 238) }
```

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

```
.background{ background-color: rgb(135,  
255, 238) }
```

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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