

Converting Colors

RGB(135, 255, 222)

Have a look what the booklet for
RGB(135, 255, 222) contains.

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Color

RGB(135, 255, 222)

Conversions

Conversions Part 1

Format	Color
Hex	87FFDE
RGB	135, 255, 222
RGB Percent	53%, 100%, 87%
CMY	0.4706, 0.0000, 0.1294
CMYK	0.47, 0.00, 0.13, 0.00
HSL	164°, 100%, 76%
HSV	164°, 47%, 100%
XYZ	58.9365, 81.9448, 81.8179
YIQ	215.3580, -60.9270, -35.7030

Conversions

Conversions Part 2

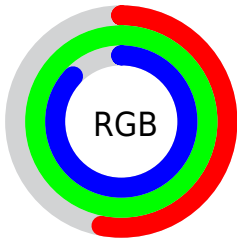
Format	Color
RYB	135, 205, 255
Decimal	8912862
CIELab	92.55, -41.52, 5.33
CIELCh	93, 41.862, 172.687
Yxy	81.9448, 0.2646, 0.3680
Android (android.graphics.Color)	4287102942 (0xFF87FFDE)
YUV	215.3580, 3.2745, -70.4740
Hunter-Lab	90.5234, -42.2010, 9.7782

Details

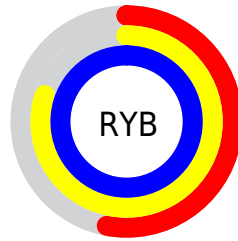
The RGB color **135, 255, 222** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 135, 168**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **194, 255, 255**, and **74, 198, 167** is the 20% darker color. If you saturate the color by 10%, you get **110, 255, 215**, and if you desaturate by 10%, it is **161, 255, 229**.

Distribution



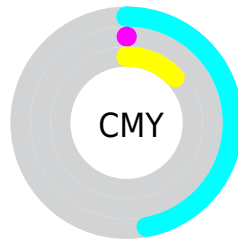
- Red (53%)
- Green (100%)
- Blue (87%)



- Red (53%)
- Yellow (80%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 255, 222 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, 222 by changing the saturation by 10% instead.

 135, 255, 222

255, 255, 255


 194, 255, 255


 224, 255, 255

254, 255, 255


 135, 255, 222


 105, 226, 194


 74, 198, 167

 38, 170, 141

 0, 143, 115

 0, 117, 91

 0, 91, 67

 0, 67, 45


 0, 44, 24

 0, 16, 0

 135, 255, 222

 135, 255, 222

 110, 255, 215

 161, 255, 229

 84, 255, 208

 186, 255, 236

 58, 255, 201

 212, 255, 243

 33, 255, 194

 237, 255, 250

 8, 255, 187

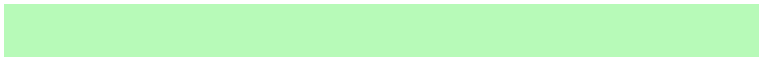
255, 255, 255

 0, 255, 185

Harmonies

Analogous

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



183, 250, 184



135, 255, 222



97, 255, 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, 222



225, 227, 255



255, 214, 171

Complementary

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



135, 255, 222



255, 135, 168

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, 205, 205



135, 255, 222



255, 213, 255

Square

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



135, 255, 222



163, 241, 255



255, 204, 245



255, 228, 154

Rectangle

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



135, 255, 222



97, 253, 255



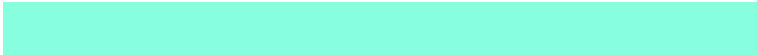
255, 204, 245



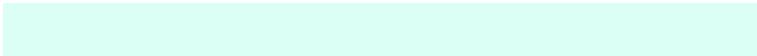
255, 210, 181

Sweetspot

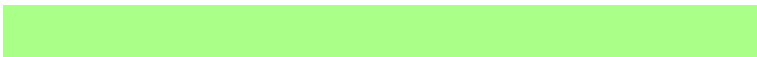
The Sweet Spot groups the original color and five complimentary colors.



135, 255, 222



219, 255, 245



169, 255, 135



106, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

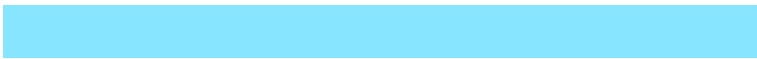
The Same Dimension uses a secret algorithm to generate beautiful new colors.



135, 255, 222



112, 255, 216



135, 229, 255



115, 128, 124



0, 191, 139



0, 64, 46

Inverse Universe

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



255, 135, 168



255, 112, 151



255, 161, 135



128, 115, 118



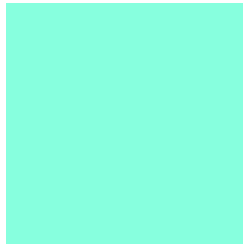
191, 0, 53



64, 0, 18

Previews

White Background



This preview shows how the RGB color 135, 255, 222 looks on a white background.

Color Contrast Check

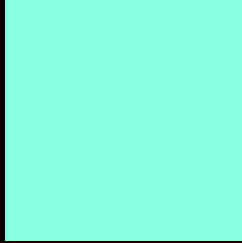
Large Text (above 18pt) WCAG AA × Fail

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, 222 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, 222 Background



This preview shows how black text looks on a background with the RGB color 135, 255, 222.

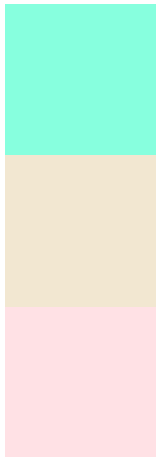


This preview shows how white text looks on a background with the RGB color 135, 255, 222.

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
135, 255, 222

Protanopia
242, 231, 209

Deuteranopia
255, 225, 229



Tritanopia
187, 242, 255

Trichromacy



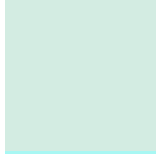
Original Color

135, 255, 222



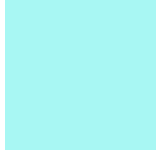
Protanomaly

203, 240, 214



Deuteranomaly

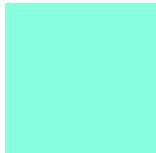
211, 236, 226



Tritanomaly

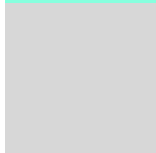
168, 247, 243

Monochromacy



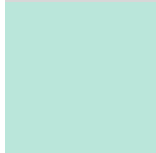
Original Color

135, 255, 222



Achromatopsia

215, 215, 215



Achromatomaly

186, 230, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 255, 222 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(135, 255, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 255, 222) }
```

Border

The CSS property to change the border of an element to RGB 135, 255, 222 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, 222) }
```

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

```
.border{ border-color:rgb(135, 255, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 255, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 255, 222); box-shadow:4px 4px 4px 4px rgb(135, 255, 222) }
```

Background

The CSS property to change the background color of an element to RGB 135, 255, 222 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, 222) }
```

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

```
.background{ background-color: rgb(135,  
255, 222) }
```

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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