

Converting Colors

RGB(131, 239, 221)

Have a look what the booklet for
RGB(131, 239, 221) contains.

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Color

RGB(131, 239, 221)

Conversions

Conversions Part 1

Format	Color
Hex	83EFDD
RGB	131, 239, 221
RGB Percent	51%, 94%, 87%
CMY	0.4863, 0.0627, 0.1333
CMYK	0.45, 0.00, 0.08, 0.06
HSL	170°, 77%, 73%
HSV	170°, 45%, 94%
XYZ	53.2777, 71.7788, 79.4533
YIQ	204.6560, -58.5900, -28.4940

Conversions

Conversions Part 2

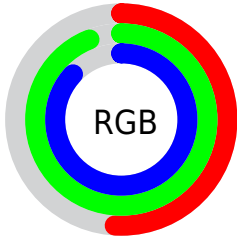
Format	Color
RYB	131, 190, 239
Decimal	8646621
CIELab	87.86, -35.42, -0.99
CIELCh	88, 35.434, 181.595
Yxy	71.7788, 0.2605, 0.3510
Android (android.graphics.Color)	4286836701 (0xFF83EFDD)
YUV	204.6560, 8.0576, -64.5963
Hunter-Lab	84.7223, -36.0142, 3.7030

Details

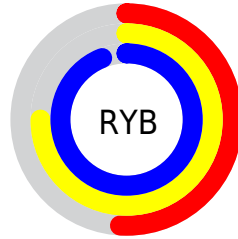
The RGB color **131, 239, 221** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **239, 131, 149**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **189, 255, 255**, and **72, 183, 166** is the 20% darker color. If you saturate the color by 10%, you get **107, 239, 217**, and if you desaturate by 10%, it is **155, 239, 225**.

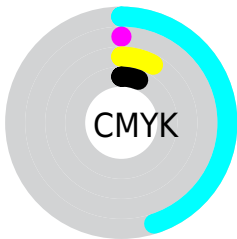
Distribution



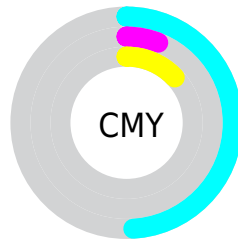
- Red (51%)
- Green (94%)
- Blue (87%)



- Red (51%)
- Yellow (75%)
- Blue (94%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)




- Cyan (49%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 239, 221 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 131, 239, 221 by changing the saturation by 10% instead.


 131, 239, 221

 131, 239, 221


255, 255, 255

 102, 210, 193

 189, 255, 255


 72, 183, 166

 219, 255, 255

 36, 155, 140

 249, 255, 255

 0, 129, 114

 0, 103, 90

 0, 79, 66

 0, 55, 44

 0, 35, 24

 0, 0, 0

 131, 239, 221

 131, 239, 221

 107, 239, 217

 155, 239, 225

 83, 239, 213

 179, 239, 229

 59, 239, 209

 203, 239, 233

 35, 239, 205

 227, 239, 237

 11, 239, 201

 250, 239, 241

 0, 239, 199

 255, 239, 245

 255, 239, 249

 255, 239, 253

 255, 239, 255

Harmonies

Analogous

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



167, 236, 187



131, 239, 221



113, 238, 254

Triad

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



131, 239, 221



228, 211, 255



255, 207, 162

Complementary

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



131, 239, 221



239, 131, 149

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, 198, 187



131, 239, 221



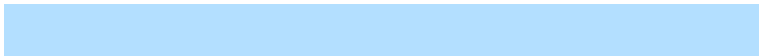
255, 200, 253

Square

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



131, 239, 221



179, 223, 255



255, 195, 220



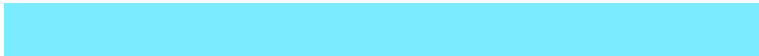
242, 219, 153

Rectangle

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



131, 239, 221



123, 235, 255



255, 195, 220



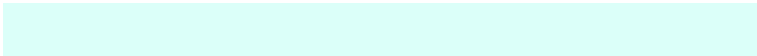
255, 204, 169

Sweetspot

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



131, 239, 221



219, 255, 249



149, 239, 131



106, 128, 124



0, 0, 0



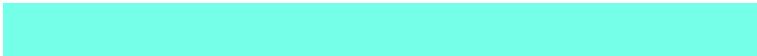
128, 128, 128

Same Dimension

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



131, 239, 221



117, 255, 232



131, 203, 239



108, 120, 118



0, 184, 153



0, 56, 47

Inverse Universe

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



239, 131, 149



255, 117, 140



239, 167, 131



120, 108, 110



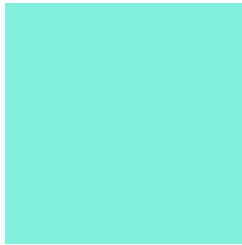
184, 0, 31



56, 0, 9

Previews

White Background



This preview shows how the RGB color 131, 239, 221 looks on a white background.

Color Contrast Check

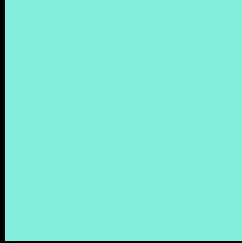
Large Text (above 18pt) WCAG AA × Fail

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 131, 239, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

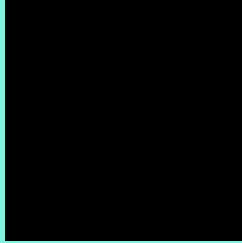
Any Text WCAG AA ✓ Pass

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 131, 239, 221 Background



This preview shows how black text looks on a background with the RGB color 131, 239, 221.



This preview shows how white text looks on a background with the RGB color 131, 239, 221.

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





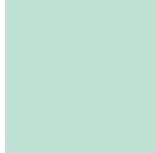
Tritanopia
140, 234, 253

Trichromacy



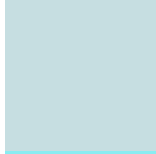
Original Color

131, 239, 221



Protanomaly

191, 226, 213



Deuteranomaly

198, 222, 225



Tritanomaly

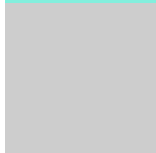
137, 236, 241

Monochromacy



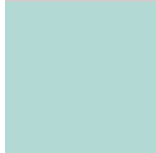
Original Color

131, 239, 221



Achromatopsia

205, 205, 205



Achromatomaly

178, 217, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 239, 221 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(131, 239, 221)` looks like.

```
.text, #text, p{  
    color:rgb(131, 239, 221)  
}
```

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(131, 239, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 239, 221) }
```

Border

The CSS property to change the border of an element to RGB 131, 239, 221 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(131, 239, 221) }
```

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

```
.border{ border-color:rgb(131, 239, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 239, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 239, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 239, 221);  
box-shadow:4px 4px 4px 4px rgb(131, 239,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 131, 239, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 239, 221) }
```

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

```
.background{ background-color: rgb(131,  
239, 221) }
```

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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