

Converting Colors

RGB(171, 254, 161)

Have a look what the booklet for
RGB(171, 254, 161) contains.

RGB(171, 254, 161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(171, 254, 161)

Conversions

Conversions Part 1

Format	Color
Hex	ABFEA1
RGB	171, 254, 161
RGB Percent	67%, 100%, 63%
CMY	0.3294, 0.0039, 0.3686
CMYK	0.33, 0.00, 0.37, 0.00
HSL	114°, 98%, 81%
HSV	114°, 37%, 100%
XYZ	58.6694, 82.1148, 46.4757
YIQ	218.5810, -19.6150, -46.5190

Conversions

Conversions Part 2

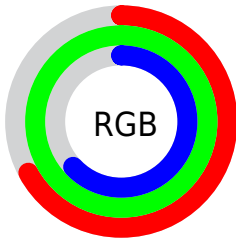
Format	Color
RYB	161, 254, 244
Decimal	11271841
CIELab	92.63, -42.49, 36.70
CIElCh	93, 56.144, 139.182
Yxy	82.1148, 0.3133, 0.4385
Android (android.graphics.Color)	4289461921 (0xFFABFEA1)
YUV	218.5810, -28.3874, -41.7285
Hunter-Lab	90.6172, -43.0116, 33.0234

Details

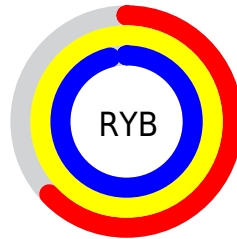
The RGB color **171, 254, 161** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **244, 161, 254**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **229, 255, 217**, and **115, 197, 108** is the 20% darker color. If you saturate the color by 10%, you get **148, 254, 136**, and if you desaturate by 10%, it is **194, 254, 186**.

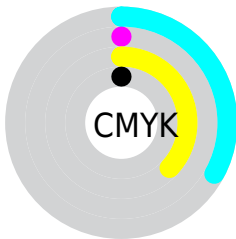
Distribution



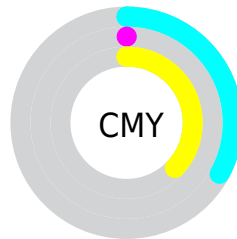
- Red (67%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (96%)



- Cyan (33%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)




- Cyan (33%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 254, 161 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 171, 254, 161 by changing the saturation by 10% instead.

 171, 254, 161

255, 255, 255


 229, 255, 217


 255, 255, 245

 171, 254, 161

 143, 225, 134

 115, 197, 108

 88, 169, 83

 60, 142, 58

 29, 116, 34

 0, 91, 7

 0, 66, 0

 0, 44, 0

 0, 17, 0

■ 171, 254, 161

■ 171, 254, 161

■ 148, 254, 136

■ 194, 254, 186

■ 126, 254, 110

■ 216, 254, 212

■ 103, 254, 85

■ 239, 254, 237

■ 80, 254, 59

255, 254, 255

■ 58, 254, 34

■ 35, 254, 9

■ 27, 254, 0

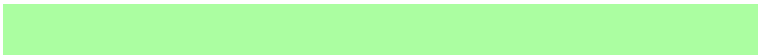
Harmonies

Analogous

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



233, 241, 129



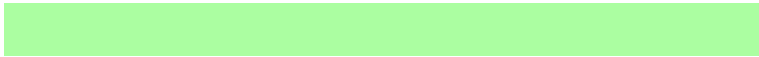
171, 254, 161



89, 255, 212

Triad

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



171, 254, 161



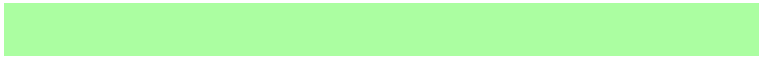
102, 245, 255



255, 192, 201

Complementary

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



171, 254, 161



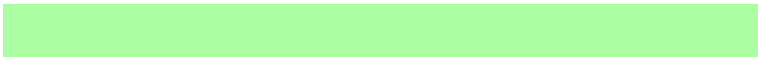
244, 161, 254

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, 192, 255



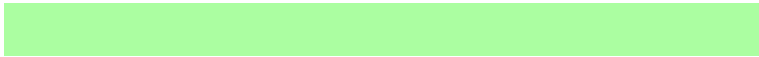
171, 254, 161



209, 227, 255

Square

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



171, 254, 161



0, 255, 255



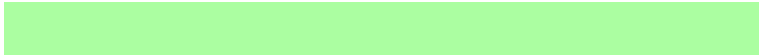
255, 207, 255



255, 205, 154

Rectangle

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



171, 254, 161



0, 255, 249



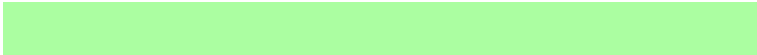
255, 207, 255



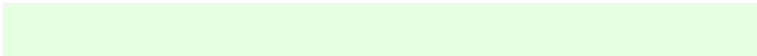
255, 190, 219

Sweetspot

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



171, 254, 161



230, 255, 227



254, 243, 161



113, 128, 111



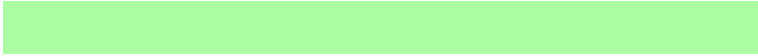
0, 0, 0



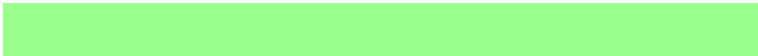
128, 128, 128

Same Dimension

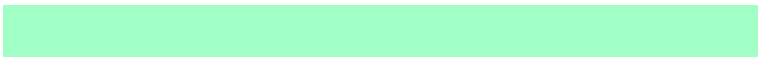
The Same Dimension uses a secret algorithm to generate beautiful new colors.



171, 254, 161



155, 255, 143



161, 254, 197



116, 128, 115



21, 191, 0



7, 64, 0

Inverse Universe

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



244, 161, 254



243, 143, 255



254, 161, 218



126, 115, 128



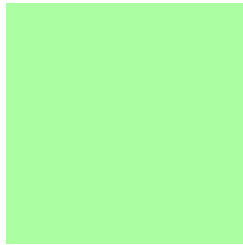
171, 0, 191



57, 0, 64

Previews

White Background



This preview shows how the RGB color 171, 254, 161 looks on a white background.

Color Contrast Check

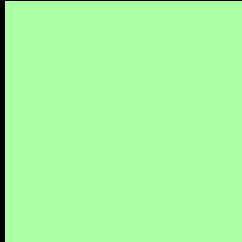
Large Text (above 18pt) WCAG AA × Fail

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 171, 254, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

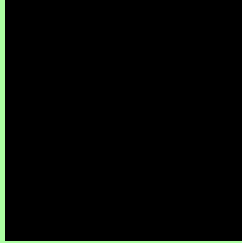
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

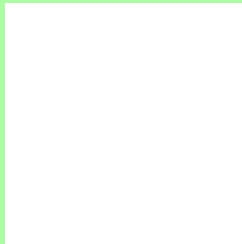
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 171, 254, 161 Background



This preview shows how black text looks on a background with the RGB color 171, 254, 161.

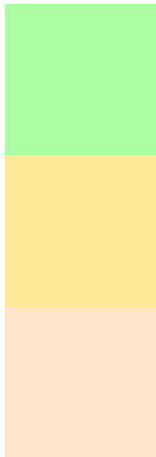


This preview shows how white text looks on a background with the RGB color 171, 254, 161.

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
171, 254, 161

Protanopia
253, 233, 152

Deuteranopia
255, 228, 204



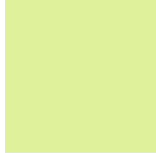
Tritanopia
200, 240, 255

Trichromacy



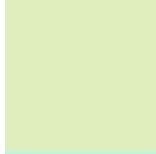
Original Color

171, 254, 161



Protanomaly

223, 241, 155



Deuteranomaly

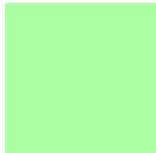
224, 237, 188



Tritanomaly

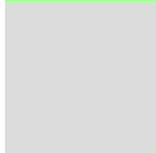
189, 245, 221

Monochromacy



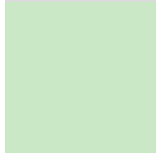
Original Color

171, 254, 161



Achromatopsia

219, 219, 219



Achromatomaly

202, 232, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 254, 161 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(171, 254, 161)` looks like.

```
.text, #text, p{  
    color:rgb(171, 254, 161)  
}
```

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(171, 254, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 254, 161) }
```

Border

The CSS property to change the border of an element to RGB 171, 254, 161 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(171, 254, 161) }
```

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

```
.border{ border-color:rgb(171, 254, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 254, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 254, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 254, 161);  
box-shadow:4px 4px 4px 4px rgb(171, 254,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 171, 254, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 254, 161) }
```

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

```
.background{ background-color: rgb(171,  
254, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor