

Converting Colors

RGB(170, 255, 130)

Have a look what the booklet for
RGB(170, 255, 130) contains.

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Color

RGB(170, 255, 130)

Conversions

Conversions Part 1

Format	Color
Hex	AAFF82
RGB	170, 255, 130
RGB Percent	67%, 100%, 51%
CMY	0.3333, 0.0000, 0.4902
CMYK	0.33, 0.00, 0.49, 0.00
HSL	101°, 100%, 75%
HSV	101°, 49%, 100%
XYZ	56.3668, 81.6778, 33.9136
YIQ	215.3350, -10.5350, -56.8950

Conversions

Conversions Part 2

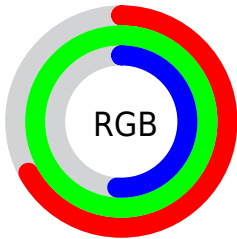
Format	Color
RYB	130, 255, 215
Decimal	11206530
CIELab	92.43, -47.30, 51.38
CIElCh	92, 69.839, 132.633
Yxy	81.6778, 0.3278, 0.4750
Android (android.graphics.Color)	4289396610 (0xFFAAFF82)
YUV	215.3350, -42.0702, -39.7588
Hunter-Lab	90.3757, -46.8281, 41.0144

Details

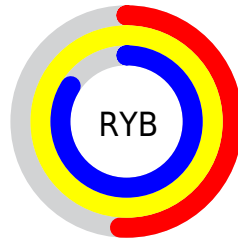
The RGB color **170, 255, 130** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **215, 130, 255**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **228, 255, 185**, and **113, 198, 77** is the 20% darker color. If you saturate the color by 10%, you get **153, 255, 105**, and if you desaturate by 10%, it is **187, 255, 155**.

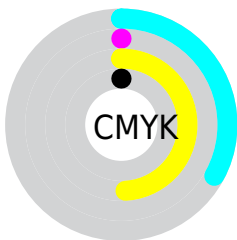
Distribution



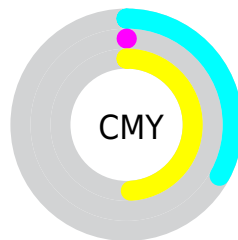
- Red (67%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 255, 130 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 170, 255, 130 by changing the saturation by 10% instead.

 170, 255, 130

255, 255, 255

 228, 255, 185

 255, 255, 213

 255, 255, 242

 170, 255, 130

 141, 226, 103

 113, 198, 77

 85, 170, 50

 55, 143, 20

 19, 117, 0

 0, 91, 0

 0, 67, 0

 0, 45, 0

 0, 16, 0

■ 170, 255, 130

■ 170, 255, 130

■ 153, 255, 105

■ 187, 255, 155

■ 135, 255, 79

■ 205, 255, 181

■ 118, 255, 53

■ 222, 255, 207

■ 101, 255, 28

■ 239, 255, 232

■ 83, 255, 2

255, 255, 255

■ 82, 255, 0

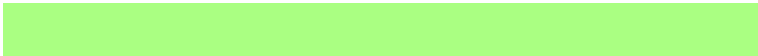
Harmonies

Analogous

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



244, 239, 95



170, 255, 130



38, 255, 191

Triad

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



170, 255, 130



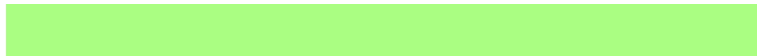
0, 251, 255



255, 175, 207

Complementary

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



170, 255, 130



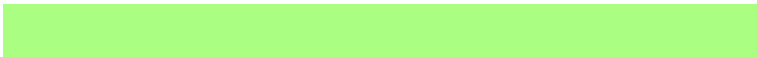
215, 130, 255

Split Complementary

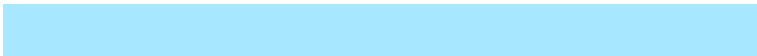
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 181, 255



170, 255, 130



167, 231, 255

Square

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



170, 255, 130



0, 255, 255



255, 204, 255



255, 191, 145

Rectangle

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



170, 255, 130



0, 255, 237



255, 204, 255



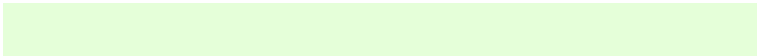
255, 174, 230

Sweetspot

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



170, 255, 130



229, 255, 217



255, 213, 130



112, 128, 105



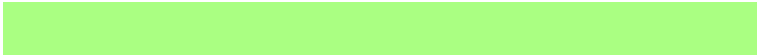
0, 0, 0



128, 128, 128

Same Dimension

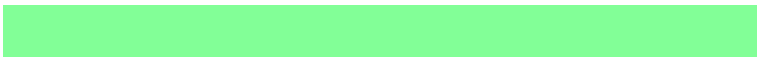
The Same Dimension uses a secret algorithm to generate beautiful new colors.



170, 255, 130



153, 255, 105



130, 255, 151



119, 128, 115



61, 191, 0



20, 64, 0

Inverse Universe

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



215, 130, 255



207, 105, 255



255, 130, 234



123, 115, 128



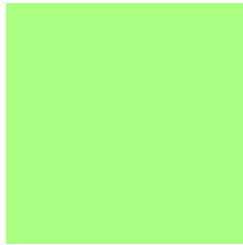
130, 0, 191



43, 0, 64

Previews

White Background



This preview shows how the RGB color 170, 255, 130 looks on a white background.

Color Contrast Check

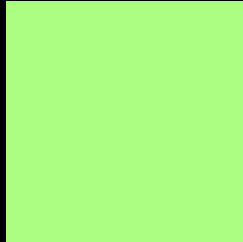
Large Text (above 18pt) WCAG AA × Fail

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 170, 255, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

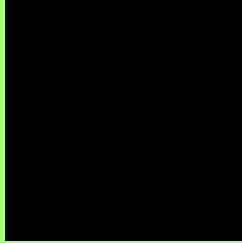
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

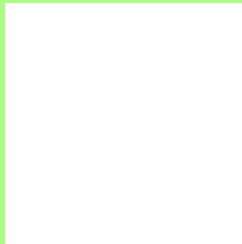
Any Text WCAG AAA ✓ Pass

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

RGB 170, 255, 130 Background



This preview shows how black text looks on a background with the RGB color 170, 255, 130.

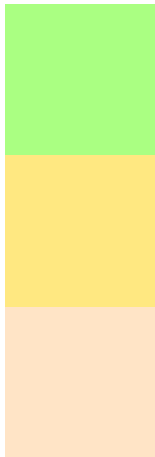


This preview shows how white text looks on a background with the RGB color 170, 255, 130.

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
170, 255, 130

Protanopia
255, 232, 129

Deuteranopia
255, 228, 198



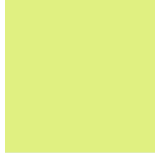
Tritanopia
200, 239, 255

Trichromacy



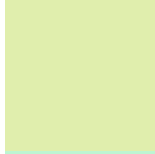
Original Color

170, 255, 130



Protanomaly

224, 240, 129



Deuteranomaly

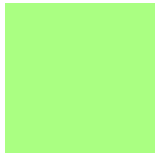
224, 238, 173



Tritanomaly

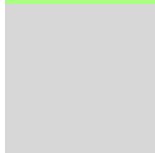
189, 245, 210

Monochromacy



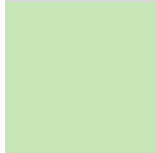
Original Color

170, 255, 130



Achromatopsia

215, 215, 215



Achromatomaly

199, 230, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 255, 130 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(170, 255, 130)` looks like.

```
.text, #text, p{  
    color:rgb(170, 255, 130)  
}
```

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(170, 255, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 255, 130) }
```

Border

The CSS property to change the border of an element to RGB 170, 255, 130 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(170, 255, 130) }
```

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

```
.border{ border-color:rgb(170, 255, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 255, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 255, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 255, 130); box-shadow:4px 4px 4px 4px rgb(170, 255, 130) }
```

Background

The CSS property to change the background color of an element to RGB 170, 255, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 255, 130) }
```

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

```
.background{ background-color: rgb(170,  
255, 130) }
```

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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