

Converting Colors

RGB(165, 255, 178)

Have a look what the booklet for
RGB(165, 255, 178) contains.

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Color

RGB(165, 255, 178)

Conversions

Conversions Part 1

Format	Color
Hex	A5FFB2
RGB	165, 255, 178
RGB Percent	65%, 100%, 70%
CMY	0.3529, 0.0000, 0.3020
CMYK	0.35, 0.00, 0.30, 0.00
HSL	129°, 100%, 82%
HSV	129°, 35%, 100%
XYZ	59.3129, 82.7337, 54.9626
YIQ	219.3120, -28.9230, -43.0270

Conversions

Conversions Part 2

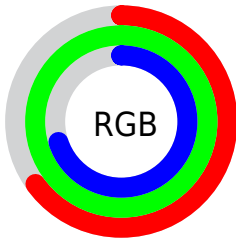
Format	Color
RYB	165, 244, 255
Decimal	10878898
CIELab	92.90, -42.11, 28.51
CIElCh	93, 50.855, 145.902
Yxy	82.7337, 0.3011, 0.4199
Android (android.graphics.Color)	4289068978 (0xFFA5FFB2)
YUV	219.3120, -20.3668, -47.6316
Hunter-Lab	90.9581, -42.7784, 27.8439

Details

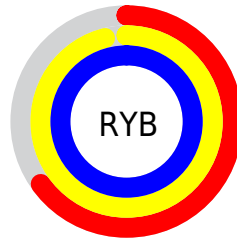
The RGB color **165, 255, 178** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **255, 165, 242**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **222, 255, 234**, and **109, 198, 125** is the 20% darker color. If you saturate the color by 10%, you get **140, 255, 156**, and if you desaturate by 10%, it is **191, 255, 200**.

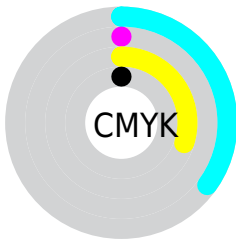
Distribution



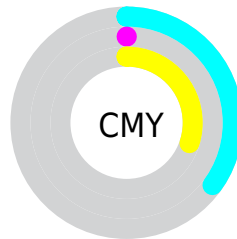
- Red (65%)
- Green (100%)
- Blue (70%)



- Red (65%)
- Yellow (96%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 255, 178 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 165, 255, 178 by changing the saturation by 10% instead.

 165, 255, 178

255, 255, 255


 222, 255, 234

 252, 255, 255

 165, 255, 178


 137, 226, 151

 109, 198, 125

 82, 170, 99


 53, 143, 75

 19, 117, 51

 0, 92, 28

 0, 67, 4

 0, 45, 0

 0, 18, 0

 165, 255, 178

 165, 255, 178

 140, 255, 156

 191, 255, 200

 114, 255, 134

 216, 255, 222

 89, 255, 113

 242, 255, 243

 63, 255, 91

255, 255, 255

 38, 255, 69

 12, 255, 47

 0, 255, 37

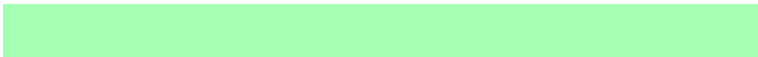
Harmonies

Analogous

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



223, 245, 145



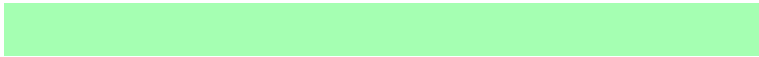
165, 255, 178



94, 255, 226

Triad

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



165, 255, 178



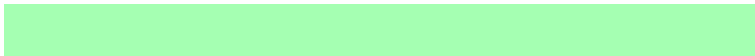
148, 242, 255



255, 199, 194

Complementary

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



165, 255, 178



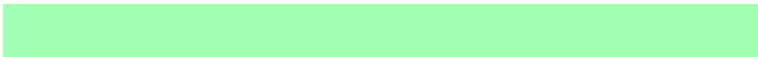
255, 165, 242

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, 196, 243



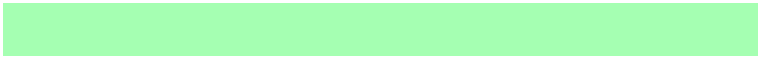
165, 255, 178



230, 224, 255

Square

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



165, 255, 178



33, 254, 255



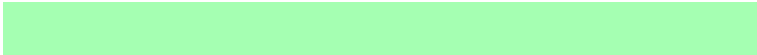
255, 207, 255



255, 212, 155

Rectangle

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



165, 255, 178



11, 255, 255



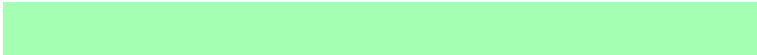
255, 207, 255



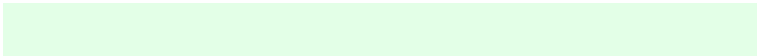
255, 197, 210

Sweetspot

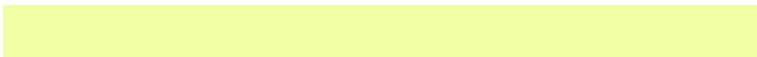
The Sweet Spot groups the original color and five complimentary colors.



165, 255, 178



227, 255, 231



243, 255, 165



111, 128, 113



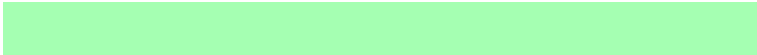
0, 0, 0



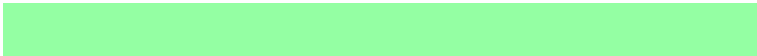
128, 128, 128

Same Dimension

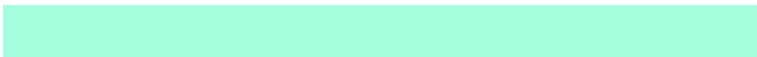
The Same Dimension uses a secret algorithm to generate beautiful new colors.



165, 255, 178



148, 255, 163



165, 255, 222



115, 128, 117



0, 191, 28



0, 64, 9

Inverse Universe

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



255, 165, 242



255, 148, 240



255, 165, 198



128, 115, 126



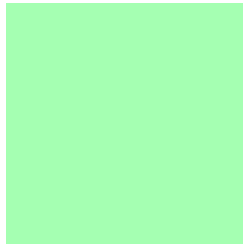
191, 0, 164



64, 0, 55

Previews

White Background



This preview shows how the RGB color 165, 255, 178 looks on a white background.

Color Contrast Check

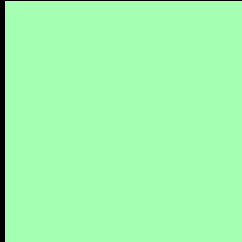
Large Text (above 18pt) WCAG AA × Fail

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 165, 255, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

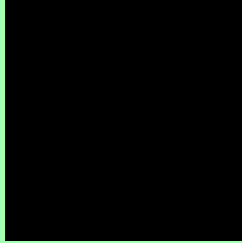
Any Text WCAG AA ✓ Pass

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 165, 255, 178 Background



This preview shows how black text looks on a background with the RGB color 165, 255, 178.



This preview shows how white text looks on a background with the RGB color 165, 255, 178.

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





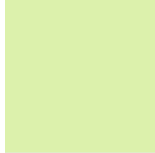
Tritanopia
199, 241, 255

Trichromacy



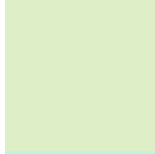
Original Color

165, 255, 178



Protanomaly

220, 241, 172



Deuteranomaly

222, 238, 198



Tritanomaly

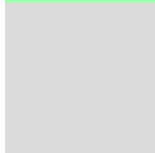
187, 246, 227

Monochromacy



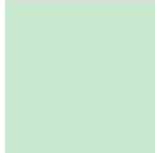
Original Color

165, 255, 178



Achromatopsia

219, 219, 219



Achromatomaly

199, 232, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 255, 178 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(165, 255, 178)` looks like.

```
.text, #text, p{  
    color:rgb(165, 255, 178)  
}
```

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(165, 255, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 255, 178) }
```

Border

The CSS property to change the border of an element to RGB 165, 255, 178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

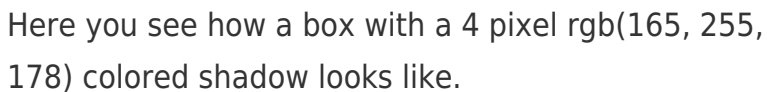
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 255, 178) }
```

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

```
.border{ border-color:rgb(165, 255, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 255, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 255, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 255, 178); box-shadow:4px 4px 4px 4px rgb(165, 255, 178) }
```

Background

The CSS property to change the background color of an element to RGB 165, 255, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 255, 178) }
```

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

```
.background{ background-color: rgb(165,  
255, 178) }
```

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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