

Converting Colors

`RYB(138, 250, 227)`

Have a look what the booklet for
RYB(138, 250, 227) contains.

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Color

R_YB(138, 250, 227)

Conversions

Conversions Part 1

Format	Color
Hex	A1FA8A
RGB	161, 250, 138
RGB Percent	63%, 98%, 54%
CMY	0.3686, 0.0196, 0.4588
CMYK	0.36, 0.00, 0.45, 0.02
HSL	108°, 92%, 76%
HSV	108°, 45%, 98%
XYZ	53.4710, 77.7833, 36.2402
YIQ	210.6210, -17.0920, -53.7000

Conversions

Conversions Part 2

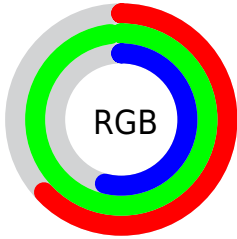
Format	Color
RYB	138, 250, 227
Decimal	10615434
CIELab	90.68, -47.07, 45.33
CIELCh	91, 65.350, 136.081
Yxy	77.7833, 0.3192, 0.4644
Android (android.graphics.Color)	4288805514 (0xFFA1FA8A)
YUV	210.6210, -35.8022, -43.5176
Hunter-Lab	88.1948, -46.1195, 37.3735

Details

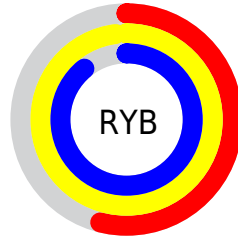
The RYB color **138, 250, 227** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **227, 138, 250**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **193, 255, 229**, and **86, 193, 174** is the 20% darker color. If you saturate the color by 10%, you get **113, 250, 222**, and if you desaturate by 10%, it is **163, 250, 232**.

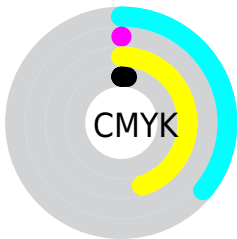
Distribution



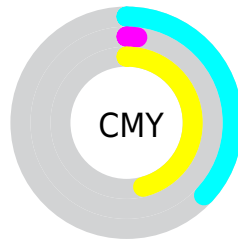
- Red (63%)
- Green (98%)
- Blue (54%)



- Red (54%)
- Yellow (98%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (45%)
- Black (2%)



- Cyan (37%)
- Magenta (2%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 250, 227 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 RYB color 138, 250, 227 by changing the saturation by 10% instead.

 138, 250, 227

255, 255, 255


 193, 255, 229


 221, 255, 228


 250, 255, 250

 138, 250, 227


 111, 221, 199

 86, 193, 174

 60, 165, 149

 34, 138, 126

 0, 112, 112

 0, 87, 87

 0, 63, 63

 0, 42, 42

 0, 5, 5

 138, 250, 227

 138, 250, 227

 113, 250, 222

 163, 250, 232

 88, 250, 217

 188, 250, 237

 63, 250, 212

 213, 250, 242

 38, 250, 206

 238, 250, 248

 13, 250, 201

 255, 250, 255

 0, 250, 199

Harmonies

Analogous

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



102, 235, 105



138, 250, 227



34, 162, 255

Triad

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



138, 250, 227



0, 124, 255



255, 176, 197

Complementary

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



138, 250, 227



227, 138, 250

Split Complementary

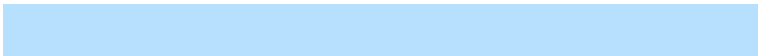
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 179, 255



138, 250, 227



183, 209, 255

Square

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



138, 250, 227



0, 128, 255



255, 198, 255



255, 230, 141

Rectangle

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



138, 250, 227



0, 131, 255



255, 198, 255



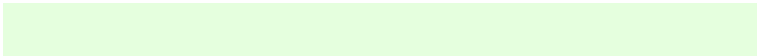
255, 174, 218

Sweetspot

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



138, 250, 227



222, 255, 248



169, 250, 138



107, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



138, 250, 227



117, 255, 226



138, 225, 250



112, 125, 122



0, 189, 150



0, 61, 48

Inverse Universe

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



227, 138, 250



227, 117, 255



250, 138, 218



122, 112, 125



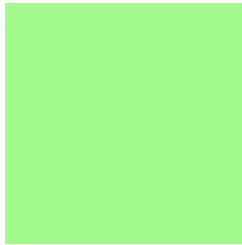
150, 0, 189



49, 0, 61

Previews

White Background



This preview shows how the RYB color 138, 250, 227 looks on a white background.

Color Contrast Check

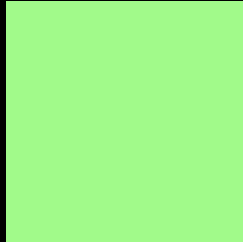
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 138, 250, 227 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](#).

RYB 138, 250, 227 Background



This preview shows how black text looks on a background with the RYB color 138, 250, 227.

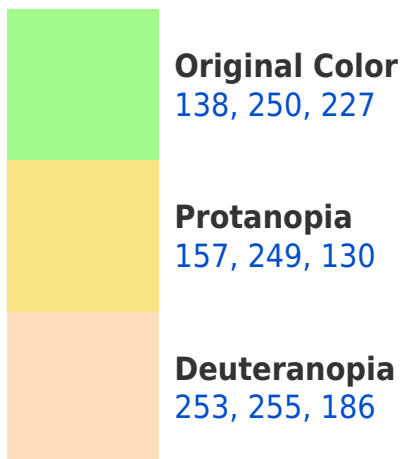


This preview shows how white text looks on a background with the RYB color 138, 250, 227.

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





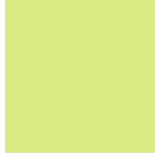
Tritanopia
183, 214, 255

Trichromacy



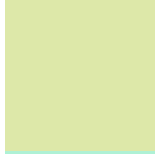
Original Color

138, 250, 227



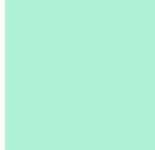
Protanomaly

133, 235, 151



Deuteranomaly

169, 232, 180



Tritanomaly

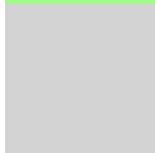
175, 217, 241

Monochromacy



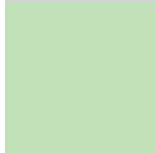
Original Color

138, 250, 227



Achromatopsia

211, 211, 211



Achromatomaly

184, 225, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 250, 227 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(161, 250, 138)` looks like.

```
.text, #text, p{  
    color:rgb(161, 250, 138)  
}
```

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(161, 250, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 250, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 250, 227 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(161, 250, 138) }
```

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

```
.border{ border-color:rgb(161, 250, 138) }
```

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

Here you see how a box with a 4 pixel rgb(161, 250, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 250, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 250, 138);  
box-shadow:4px 4px 4px 4px rgb(161, 250,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 250, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 250, 138) }
```

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

```
.background{ background-color: rgb(161,  
250, 138) }
```

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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