

Converting Colors

`RYB(136, 250, 236)`

Have a look what the booklet for
RYB(136, 250, 236) contains.

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Color

R_YB(136, 250, 236)

Conversions

Conversions Part 1

Format	Color
Hex	96FA88
RGB	150, 250, 136
RGB Percent	59%, 98%, 53%
CMY	0.4118, 0.0196, 0.4667
CMYK	0.40, 0.00, 0.46, 0.02
HSL	113°, 92%, 76%
HSV	113°, 46%, 98%
XYZ	51.2072, 76.6328, 35.3853
YIQ	207.1040, -23.0060, -56.6540

Conversions

Conversions Part 2

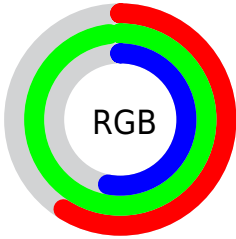
Format	Color
RYB	136, 250, 236
Decimal	9894536
CIELab	90.15, -50.70, 45.52
CIElCh	90, 68.137, 138.085
Yxy	76.6328, 0.3137, 0.4695
Android (android.graphics.Color)	4288084616 (0xFF96FA88)
YUV	207.1040, -35.0543, -50.0802
Hunter-Lab	87.5402, -48.7805, 37.3121

Details

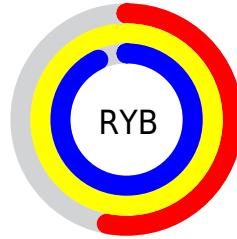
The RYB color **136, 250, 236** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **236, 136, 250**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **191, 255, 238**, and **84, 193, 184** is the 20% darker color. If you saturate the color by 10%, you get **111, 250, 233**, and if you desaturate by 10%, it is **161, 250, 239**.

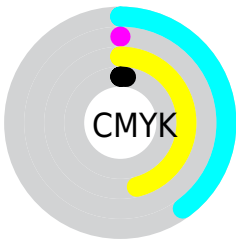
Distribution



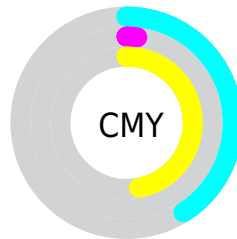
- Red (59%)
- Green (98%)
- Blue (53%)



- Red (53%)
- Yellow (98%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (46%)
- Black (2%)



- Cyan (41%)
- Magenta (2%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 250, 236 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 136, 250, 236 by changing the saturation by 10% instead.

 136, 250, 236

255, 255, 255


 191, 255, 238


 219, 255, 236


 248, 255, 248

 136, 250, 236

 110, 221, 210

 84, 193, 184

 58, 165, 160

 26, 133, 138

 0, 112, 112

 0, 87, 87


 0, 62, 62


 0, 40, 40

 0, 1, 1

 136, 250, 236

 136, 250, 236

 111, 250, 233

 161, 250, 239

 86, 250, 230

 186, 250, 242

 61, 250, 227

 211, 250, 245

 36, 250, 224

 236, 250, 248

 11, 250, 221

 255, 250, 255

 0, 250, 219

Harmonies

Analogous

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



96, 235, 105



136, 250, 236



0, 144, 255

Triad

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



136, 250, 236



0, 124, 255



255, 172, 190

Complementary

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



136, 250, 236



236, 136, 250

Split Complementary

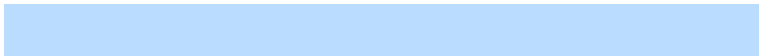
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 173, 255



136, 250, 236



186, 209, 255

Square

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



136, 250, 236



0, 127, 255



255, 194, 255



255, 242, 132

Rectangle

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



136, 250, 236



0, 131, 255



255, 194, 255



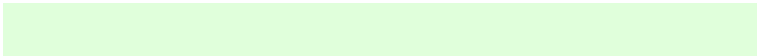
255, 170, 212

Sweetspot

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



136, 250, 236



219, 255, 250



153, 250, 136



106, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



136, 250, 236



115, 255, 238



136, 219, 250



112, 125, 123



0, 189, 166



0, 61, 53

Inverse Universe

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



236, 136, 250



238, 115, 255



250, 136, 208



123, 112, 125



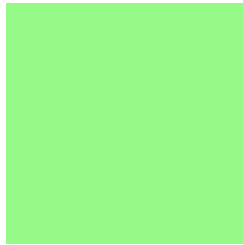
166, 0, 189



54, 0, 61

Previews

White Background



This preview shows how the RYB color 136, 250, 236 looks on a white background.

Color Contrast Check

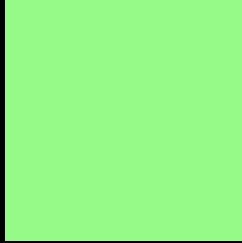
Large Text (above 18pt) WCAG AA × Fail

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 136, 250, 236 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 136, 250, 236 Background



This preview shows how black text looks on a background with the RYB color 136, 250, 236.

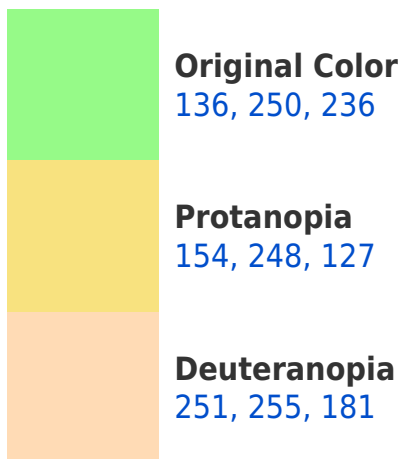


This preview shows how white text looks on a background with the RYB color 136, 250, 236.

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





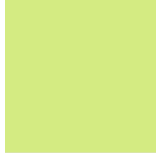
Tritanopia
173, 209, 255

Trichromacy



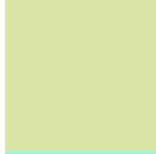
Original Color

136, 250, 236



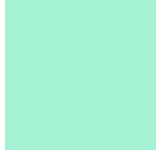
Protanomaly

130, 235, 153



Deuteranomaly

165, 230, 178



Tritanomaly

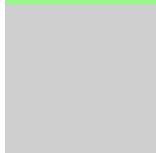
165, 212, 241

Monochromacy



Original Color

136, 250, 236



Achromatopsia

207, 207, 207



Achromatomaly

181, 223, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 250, 236 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(150, 250, 136)` looks like.

```
.text, #text, p{  
    color:rgb(150, 250, 136)  
}
```

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(150, 250, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 250, 136) }
```

Border

The CSS property to change the border of an element to RYB 136, 250, 236 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(150, 250, 136) }
```

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

```
.border{ border-color:rgb(150, 250, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 250, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 250, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 250, 136);  
box-shadow:4px 4px 4px 4px rgb(150, 250,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 136, 250, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 250, 136) }
```

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

```
.background{ background-color: rgb(150,  
250, 136) }
```

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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