

Converting Colors

`RYB(132, 239, 236)`

Have a look what the booklet for
RYB(132, 239, 236) contains.

RYB(132, 239, 236)	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

R_YB(132, 239, 236)

Conversions

Conversions Part 1

Format	Color
Hex	87EF84
RGB	135, 239, 132
RGB Percent	53%, 94%, 52%
CMY	0.4706, 0.0627, 0.4824
CMYK	0.44, 0.00, 0.45, 0.06
HSL	118°, 77%, 73%
HSV	118°, 45%, 94%
XYZ	45.0230, 68.5498, 32.6883
YIQ	195.7060, -27.6370, -55.3250

Conversions

Conversions Part 2

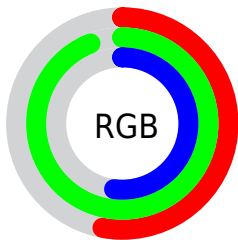
Format	Color
RYB	132, 239, 236
Decimal	8908676
CIELab	86.28, -51.10, 42.43
CIELCh	86, 66.418, 140.298
Yxy	68.5498, 0.3078, 0.4687
Android (android.graphics.Color)	4287098756 (0xFF87EF84)
YUV	195.7060, -31.4071, -53.2392
Hunter-Lab	82.7948, -47.8244, 34.5481

Details

The RYB color **132, 239, 236** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **236, 132, 239**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **186, 255, 248**, and **77, 179, 182** is the 20% darker color. If you saturate the color by 10%, you get **108, 239, 235**, and if you desaturate by 10%, it is **156, 239, 237**.

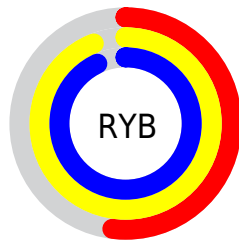
Distribution



Red (53%)

Green (94%)

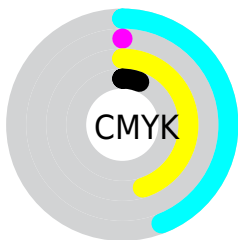
Blue (52%)



Red (52%)

Yellow (94%)

Blue (93%)

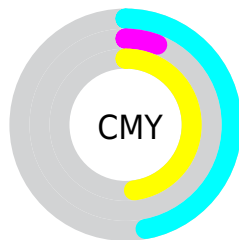


Cyan (44%)

Magenta (0%)

Yellow (45%)

Black (6%)



Cyan (47%)

Magenta (6%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 239, 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 132, 239, 236 by changing the saturation by 10% instead.

 132, 239, 236

255, 255, 255


 186, 255, 248


 215, 255, 248

 243, 255, 246

 132, 239, 236

 106, 210, 210

 77, 179, 182


 45, 146, 155

 0, 104, 128

 0, 102, 102

 0, 77, 77

 0, 53, 53

 0, 30, 30

 0, 0, 0

 132, 239, 236

 132, 239, 236

 108, 239, 235

 156, 239, 237

 84, 239, 234

 180, 239, 238


 60, 239, 234

 204, 239, 238

 36, 239, 233

 228, 239, 239

 13, 239, 233

 251, 239, 251

 0, 239, 232

 255, 239, 255

Harmonies

Analogous

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



91, 226, 107



132, 239, 236



0, 138, 246

Triad

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



132, 239, 236



0, 121, 255



255, 163, 176

Complementary

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



132, 239, 236



236, 132, 239

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, 163, 239



132, 239, 236



185, 202, 255

Square

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



132, 239, 236



0, 124, 255



255, 182, 255



255, 233, 121

Rectangle

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



132, 239, 236



0, 126, 247



255, 182, 255



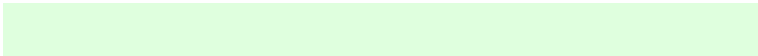
255, 161, 196

Sweetspot

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



132, 239, 236



222, 255, 254



136, 239, 132



107, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



132, 239, 236



117, 255, 251



132, 205, 239



108, 120, 120



0, 184, 179



0, 56, 54

Inverse Universe

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



236, 132, 239



251, 117, 255



239, 132, 189



120, 108, 120



178, 0, 184



55, 0, 56

Previews

White Background



This preview shows how the RYB color 132, 239, 236 looks on a white background.

Color Contrast Check

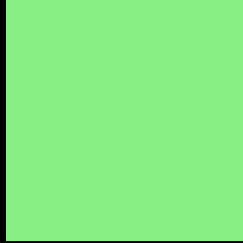
Large Text (above 18pt) WCAG AA × Fail

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 132, 239, 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 132, 239, 236 Background



This preview shows how black text looks on a background with the RYB color 132, 239, 236.

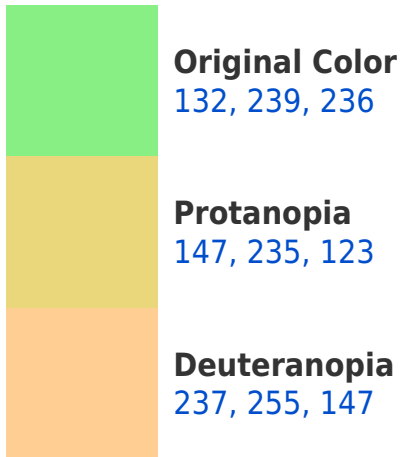



This preview shows how white text looks on a background with the RYB color 132, 239, 236.

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
157, 195, 244

Trichromacy



Original Color

132, 239, 236



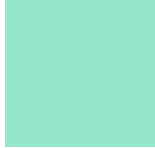
Protanomaly

126, 224, 151



Deuteranomaly

142, 218, 149



Tritanomaly

149, 198, 231

Monochromacy



Original Color

132, 239, 236



Achromatopsia

196, 196, 196



Achromatomaly

173, 212, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 239, 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(135, 239, 132)` looks like.

```
.text, #text, p{  
    color:rgb(135, 239, 132)  
}
```

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(135, 239, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 239, 132) }
```

Border

The CSS property to change the border of an element to RYB 132, 239, 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(135, 239, 132) }
```

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

```
.border{ border-color:rgb(135, 239, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 239, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 239, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 239, 132);  
box-shadow:4px 4px 4px 4px rgb(135, 239,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 132, 239, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 239, 132) }
```

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

```
.background{ background-color: rgb(135,  
239, 132) }
```

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