

Converting Colors

`RYB(142, 251, 237)`

Have a look what the booklet for
RYB(142, 251, 237) contains.

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Color

R_YB(142, 251, 237)

Conversions

Conversions Part 1

Format	Color
Hex	9CFB8E
RGB	156, 251, 142
RGB Percent	61%, 98%, 56%
CMY	0.3882, 0.0157, 0.4431
CMYK	0.38, 0.00, 0.43, 0.02
HSL	112°, 93%, 77%
HSV	112°, 43%, 98%
XYZ	53.0900, 78.0153, 37.8515
YIQ	210.1690, -21.6310, -54.0390

Conversions

Conversions Part 2

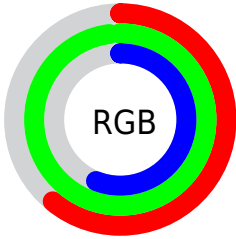
Format	Color
RYB	142, 251, 237
Decimal	10288014
CIELab	90.79, -48.51, 43.49
CIELCh	91, 65.150, 138.126
Yxy	78.0153, 0.3142, 0.4617
Android (android.graphics.Color)	4288478094 (0xFF9CFB8E)
YUV	210.1690, -33.6073, -47.5062
Hunter-Lab	88.3263, -47.2805, 36.4201

Details

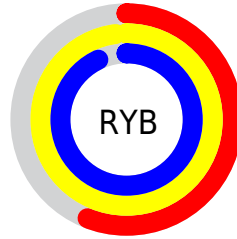
The RYB color **142, 251, 237** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **237, 142, 251**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **197, 255, 238**, and **90, 194, 185** is the 20% darker color. If you saturate the color by 10%, you get **117, 251, 234**, and if you desaturate by 10%, it is **167, 251, 240**.

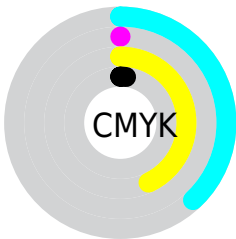
Distribution



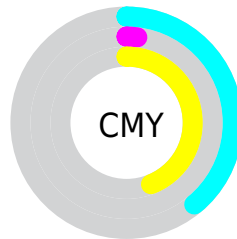
- Red (61%)
- Green (98%)
- Blue (56%)



- Red (56%)
- Yellow (98%)
- Blue (93%)



- Cyan (38%)
- Magenta (0%)
- Yellow (43%)
- Black (2%)



- Cyan (39%)
- Magenta (2%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 251, 237 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 142, 251, 237 by changing the saturation by 10% instead.

 142, 251, 237


255, 255, 255


 197, 255, 238


 225, 255, 237

 142, 251, 237


 115, 222, 209

 90, 194, 185

 64, 166, 160

 38, 139, 139

 0, 106, 113

 0, 88, 88

 0, 63, 63

 0, 42, 42

 0, 5, 5

■ 142, 251, 237

■ 142, 251, 237

■ 117, 251, 234

■ 167, 251, 240

■ 92, 251, 231

■ 192, 251, 243

■ 67, 251, 228

■ 217, 251, 246

■ 42, 251, 225

■ 242, 251, 249

■ 17, 251, 221

■ 255, 251, 255

■ 0, 251, 219

Harmonies

Analogous

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



104, 237, 113



142, 251, 237



0, 143, 255

Triad

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



142, 251, 237



0, 124, 255



255, 177, 193

Complementary

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



142, 251, 237



237, 142, 251

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, 178, 255



142, 251, 237



192, 212, 255

Square

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



142, 251, 237



0, 128, 255



255, 197, 255



255, 242, 138

Rectangle

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



142, 251, 237



0, 130, 255



255, 197, 255



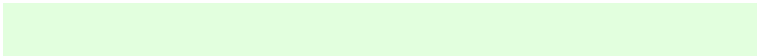
255, 175, 214

Sweetspot

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



142, 251, 237



222, 255, 251



159, 251, 142



107, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

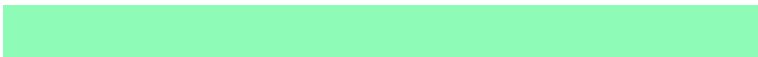
The Same Dimension uses a secret algorithm to generate beautiful new colors.



142, 251, 237



122, 255, 238



142, 222, 251



112, 125, 123



0, 189, 165



0, 61, 53

Inverse Universe

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



237, 142, 251



238, 122, 255



251, 142, 211



123, 112, 125



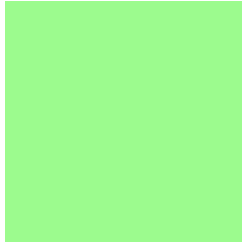
164, 0, 189



53, 0, 61

Previews

White Background



This preview shows how the RYB color 142, 251, 237 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 142, 251, 237 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

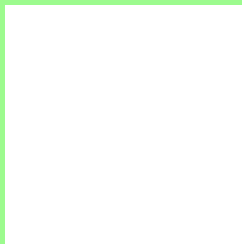
Any Text WCAG AAA ✓ Pass

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

RYP 142, 251, 237 Background



This preview shows how black text looks on a background with the RYP color 142, 251, 237.

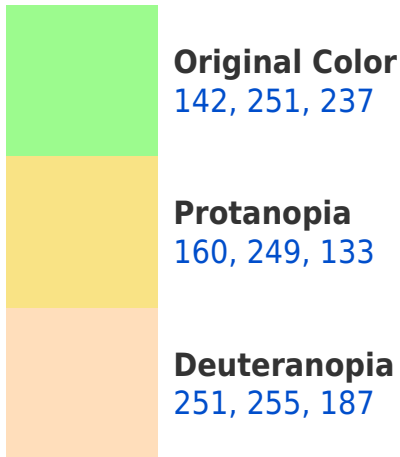


This preview shows how white text looks on a background with the RYP color 142, 251, 237.

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](#).

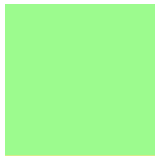
Dichromacy





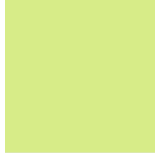
Tritanopia
181, 213, 255

Trichromacy



Original Color

142, 251, 237



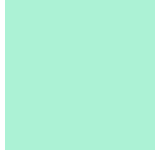
Protanomaly

136, 236, 157



Deuteranomaly

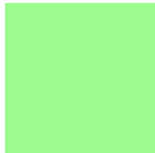
171, 233, 185



Tritanomaly

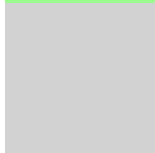
172, 216, 242

Monochromacy



Original Color

142, 251, 237



Achromatopsia

210, 210, 210



Achromatomaly

185, 225, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 251, 237 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(156, 251, 142)` looks like.

```
.text, #text, p{  
    color:rgb(156, 251, 142)  
}
```

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(156, 251, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 251, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 251, 237 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(156, 251, 142) }
```

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

```
.border{ border-color:rgb(156, 251, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 251, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 251, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 251, 142);  
box-shadow:4px 4px 4px 4px rgb(156, 251,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 251, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 251, 142) }
```

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

```
.background{ background-color: rgb(156,  
251, 142) }
```

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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