

Converting Colors

`RYB(142, 230, 231)`

Have a look what the booklet for
RYB(142, 230, 231) contains.

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Color

R_YB(142, 230, 231)

Conversions

Conversions Part 1

Format	Color
Hex	8EE78F
RGB	142, 231, 143
RGB Percent	56%, 91%, 56%
CMY	0.4431, 0.0941, 0.4392
CMYK	0.39, 0.00, 0.38, 0.09
HSL	121°, 65%, 73%
HSV	121°, 39%, 91%
XYZ	44.6900, 64.8861, 36.1600
YIQ	194.3570, -24.7960, -46.2360

Conversions

Conversions Part 2

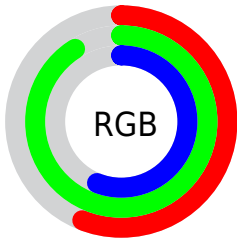
Format	Color
RYB	142, 230, 231
Decimal	9365391
CIELab	84.43, -44.07, 34.65
CIELCh	84, 56.054, 141.824
Yxy	64.8861, 0.3067, 0.4452
Android (android.graphics.Color)	4287555471 (0xFF8EE78F)
YUV	194.3570, -25.3190, -45.9171
Hunter-Lab	80.5519, -41.9345, 29.7709

Details

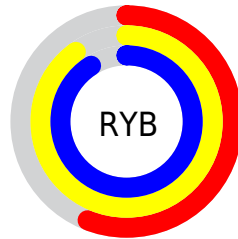
The RYB color **142, 230, 231** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **231, 142, 230**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **198, 255, 254**, and **86, 170, 175** is the 20% darker color. If you saturate the color by 10%, you get **119, 230, 231**, and if you desaturate by 10%, it is **165, 230, 231**.

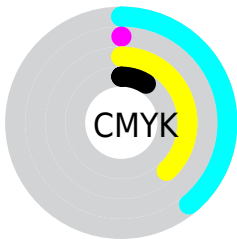
Distribution



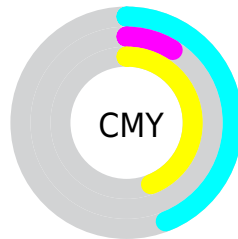
- Red (56%)
- Green (91%)
- Blue (56%)



- Red (56%)
- Yellow (90%)
- Blue (91%)



- Cyan (39%)
- Magenta (0%)
- Yellow (38%)
- Black (9%)



- Cyan (44%)
- Magenta (9%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 230, 231 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, 230, 231 by changing the saturation by 10% instead.

 142, 230, 231


255, 255, 255

 198, 255, 254


 226, 255, 253

 142, 230, 231

 114, 200, 203

 86, 170, 175

 58, 140, 148

 25, 106, 121

 0, 81, 96

 0, 71, 71

 0, 48, 48

 0, 24, 24

 0, 0, 0

 142, 230, 231

 142, 230, 231

 119, 230, 231

 165, 230, 231

 96, 230, 231

 188, 230, 231

 73, 230, 231

 211, 230, 231

 50, 229, 231

 234, 231, 234

 27, 229, 231

 255, 231, 255

 3, 228, 231

 0, 228, 231

Harmonies

Analogous

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



109, 219, 124



142, 230, 231



40, 151, 237

Triad

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



142, 230, 231



81, 159, 255



255, 169, 174

Complementary

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



142, 230, 231



231, 142, 230

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, 168, 227



142, 230, 231



192, 201, 255

Square

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



142, 230, 231



0, 121, 255



255, 182, 255



255, 227, 129

Rectangle

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



142, 230, 231



0, 121, 238



255, 182, 255



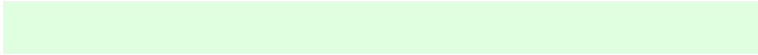
255, 167, 192

Sweetspot

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



142, 230, 231



224, 254, 255



142, 231, 142



110, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



142, 230, 231



138, 254, 255



142, 201, 231



103, 115, 115



0, 177, 179



0, 50, 51

Inverse Universe

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



231, 142, 230



255, 138, 254



231, 142, 187



115, 103, 115



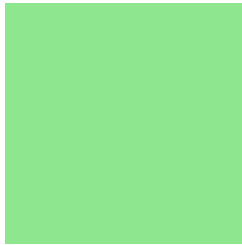
179, 0, 176



51, 0, 50

Previews

White Background



This preview shows how the RYB color 142, 230, 231 looks on a white background.

Color Contrast Check

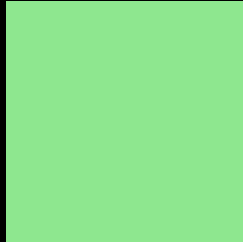
Large Text (above 18pt) WCAG AA × Fail

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, 230, 231 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 142, 230, 231 Background



This preview shows how black text looks on a background with the RYB color 142, 230, 231.

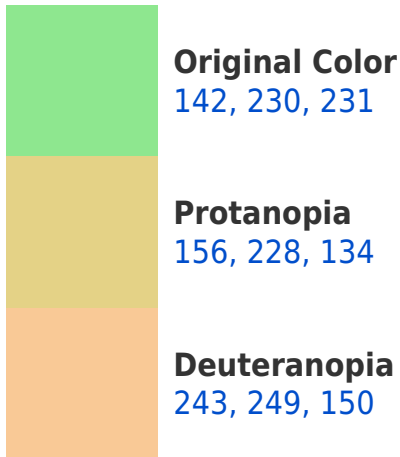


This preview shows how white text looks on a background with the RYB color 142, 230, 231.

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
160, 194, 237

Trichromacy



Original Color

142, 230, 231



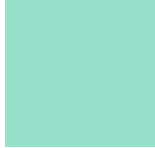
Protanomaly

137, 218, 158



Deuteranomaly

147, 212, 149



Tritanomaly

153, 195, 224

Monochromacy



Original Color

142, 230, 231



Achromatopsia

194, 194, 194



Achromatomaly

175, 207, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 230, 231 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(142, 231, 143)` looks like.

```
.text, #text, p{  
    color:rgb(142, 231, 143)  
}
```

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(142, 231, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 231, 143) }
```

Border

The CSS property to change the border of an element to RYB 142, 230, 231 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(142, 231, 143) }
```

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

```
.border{ border-color:rgb(142, 231, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 231, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 231, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 231, 143);  
box-shadow:4px 4px 4px 4px rgb(142, 231,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 142, 230, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 231, 143) }
```

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

```
.background{ background-color: rgb(142,  
231, 143) }
```

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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