

Converting Colors

`RYB(147, 208, 231)`

Have a look what the booklet for
RYB(147, 208, 231) contains.

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Color

R_YB(147, 208, 231)

Conversions

Conversions Part 1

Format	Color
Hex	93E7B3
RGB	147, 231, 179
RGB Percent	58%, 91%, 70%
CMY	0.4235, 0.0941, 0.2993
CMYK	0.36, 0.00, 0.23, 0.09
HSL	143°, 64%, 74%
HSV	143°, 36%, 91%
XYZ	48.7121, 66.5963, 52.7611
YIQ	199.9560, -33.3720, -33.9800

Conversions

Conversions Part 2

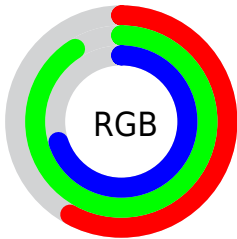
Format	Color
RYB	147, 208, 231
Decimal	9693107
CIELab	85.30, -36.50, 17.56
CIELCh	85, 40.511, 154.305
Yxy	66.5963, 0.2898, 0.3962
Android (android.graphics.Color)	4287883187 (0xFF93E7B3)
YUV	199.9560, -10.3313, -46.4424
Hunter-Lab	81.6066, -36.2623, 18.7918

Details

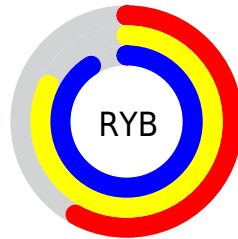
The RYB color **147, 208, 231** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **231, 147, 199**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **203, 235, 255**, and **92, 151, 175** is the 20% darker color. If you saturate the color by 10%, you get **124, 202, 231**, and if you desaturate by 10%, it is **170, 214, 231**.

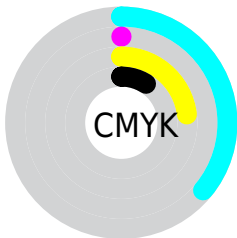
Distribution



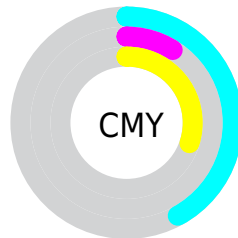
- Red (58%)
- Green (91%)
- Blue (70%)



- Red (58%)
- Yellow (82%)
- Blue (91%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)



- Cyan (42%)
- Magenta (9%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 208, 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 147, 208, 231 by changing the saturation by 10% instead.


 147, 208, 231


255, 255, 255


 203, 235, 255

 232, 244, 255

 147, 208, 231

 120, 180, 203

 92, 151, 175

 65, 123, 148

 36, 94, 122

 0, 61, 96

 0, 50, 72

 0, 41, 49

 0, 27, 27


 0, 0, 0

 147, 208, 231


 147, 208, 231

 124, 202, 231


 170, 214, 231

 101, 195, 231


 193, 221, 231

 78, 189, 231

 216, 227, 231

 55, 183, 231

 239, 231, 236

 31, 176, 231

 255, 231, 251

 8, 170, 231

 255, 231, 255

 0, 168, 231

Harmonies

Analogous

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



149, 224, 180



147, 208, 231



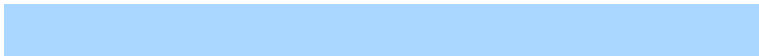
100, 171, 234

Triad

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



147, 208, 231



169, 199, 255



255, 192, 172

Complementary

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



147, 208, 231



231, 147, 199

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, 184, 209



147, 208, 231



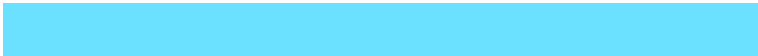
225, 201, 255

Square

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



147, 208, 231



108, 173, 255



255, 189, 247



255, 251, 145

Rectangle

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



147, 208, 231



77, 157, 243



255, 189, 247



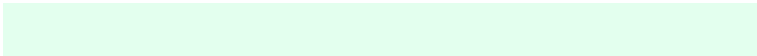
255, 186, 183

Sweetspot

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



147, 208, 231



227, 247, 255



147, 231, 178



111, 124, 128



0, 0, 0



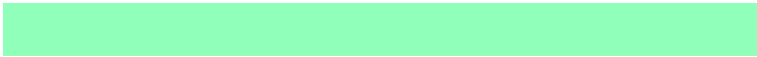
128, 128, 128

Same Dimension

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



147, 208, 231



143, 224, 255



147, 192, 231



103, 111, 115



0, 130, 179



0, 37, 51

Inverse Universe

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



231, 147, 199



255, 143, 213



231, 147, 158



115, 103, 110



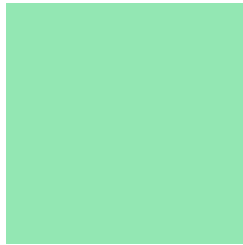
179, 0, 111



51, 0, 32

Previews

White Background



This preview shows how the RYB color 147, 208, 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 147, 208, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

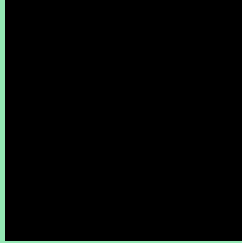
Any Text WCAG AA ✓ Pass

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 147, 208, 231 Background



This preview shows how black text looks on a background with the RYB color 147, 208, 231.

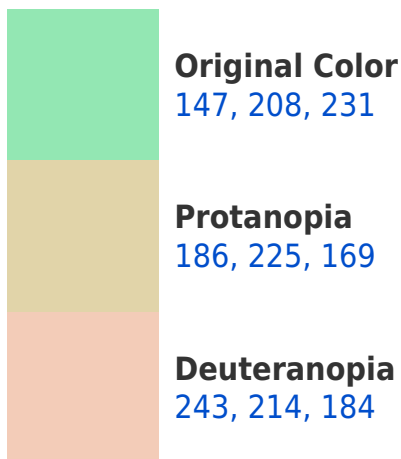



This preview shows how white text looks on a background with the RYB color 147, 208, 231.

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, 195, 241

Trichromacy



Original Color

147, 208, 231



Protanomaly

173, 219, 195



Deuteranomaly

182, 214, 188



Tritanomaly

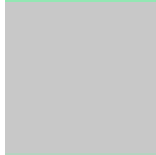
155, 193, 226

Monochromacy



Original Color

147, 208, 231



Achromatopsia

200, 200, 200



Achromatomaly

181, 203, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 208, 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(147, 231, 179)` looks like.

```
.text, #text, p{  
    color:rgb(147, 231, 179)  
}
```

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(147, 231, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 231, 179) }
```

Border

The CSS property to change the border of an element to RYB 147, 208, 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(147, 231, 179) }
```

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

```
.border{ border-color:rgb(147, 231, 179) }
```

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

Here you see how a box with a 4 pixel rgb(147, 231, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 231, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 231, 179);  
box-shadow:4px 4px 4px 4px rgb(147, 231,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 147, 208, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 231, 179) }
```

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

```
.background{ background-color: rgb(147,  
231, 179) }
```

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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