

Converting Colors

`RYB(147, 184, 211)`

Have a look what the booklet for
RYB(147, 184, 211) contains.

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Color

R_YB(147, 184, 211)

Conversions

Conversions Part 1

Format	Color
Hex	93D3C2
RGB	147, 211, 194
RGB Percent	58%, 83%, 76%
CMY	0.4235, 0.1725, 0.2404
CMYK	0.30, 0.00, 0.08, 0.17
HSL	164°, 42%, 70%
HSV	164°, 30%, 83%
XYZ	45.0311, 56.6733, 59.4297
YIQ	189.9260, -32.6870, -18.8550

Conversions

Conversions Part 2

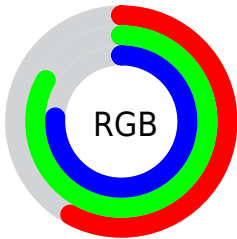
Format	Color
RYB	147, 184, 211
Decimal	9688002
CIELab	80.00, -23.99, 2.06
CIElCh	80, 24.074, 175.086
Yxy	56.6733, 0.2795, 0.3517
Android (android.graphics.Color)	4287878082 (0xFF93D3C2)
YUV	189.9260, 2.0085, -37.6461
Hunter-Lab	75.2817, -24.9698, 5.8918

Details

The RYB color **147, 184, 211** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **211, 147, 164**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **203, 230, 255**, and **94, 130, 156** is the 20% darker color. If you saturate the color by 10%, you get **126, 175, 211**, and if you desaturate by 10%, it is **168, 193, 211**.

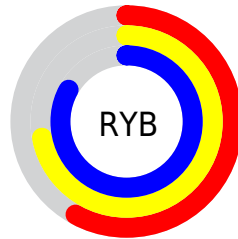
Distribution



Red (58%)

Green (83%)

Blue (76%)



Red (58%)

Yellow (72%)

Blue (83%)

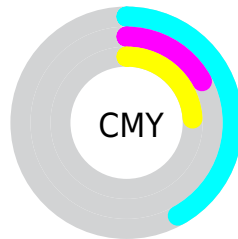


Cyan (30%)

Magenta (0%)

Yellow (8%)

Black (17%)



Cyan (42%)

Magenta (17%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 184, 211 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, 184, 211 by changing the saturation by 10% instead.


 147, 184, 211


255, 255, 255


 203, 230, 255

 231, 243, 255


 147, 184, 211


 120, 156, 183

 94, 130, 156

 68, 103, 130


 42, 78, 105


 11, 49, 80

 0, 32, 57


 0, 21, 35


 0, 0, 0

 147, 184, 211


 147, 184, 211

 126, 175, 211


 168, 193, 211


 105, 166, 211


 189, 202, 211

 84, 157, 211


 210, 211, 211

 63, 149, 211

 231, 211, 217

 41, 139, 211

 252, 211, 222

 20, 131, 211

 255, 211, 228

 0, 122, 211

 255, 211, 234

 255, 211, 239

 255, 211, 245

Harmonies

Analogous

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



169, 205, 208



147, 184, 211



136, 175, 217

Triad

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



147, 184, 211



197, 194, 239



237, 202, 162

Complementary

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



147, 184, 211



211, 147, 164

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.



245, 183, 180



147, 184, 211



224, 187, 224

Square

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



147, 184, 211



167, 191, 243



241, 183, 203



190, 219, 154

Rectangle

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



147, 184, 211



138, 178, 229



241, 183, 203



241, 193, 167

Sweetspot

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



147, 184, 211



232, 245, 255



147, 211, 193



113, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



147, 184, 211



163, 216, 255



147, 175, 211



94, 100, 105



0, 97, 168



0, 24, 41

Inverse Universe

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



211, 147, 164



255, 163, 188



211, 165, 147



105, 94, 97



168, 0, 45



41, 0, 11

Previews

White Background



This preview shows how the RYB color 147, 184, 211 looks on a white background.

Color Contrast Check

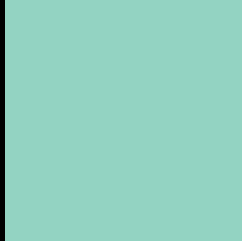
Large Text (above 18pt) WCAG AA × Fail

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, 184, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

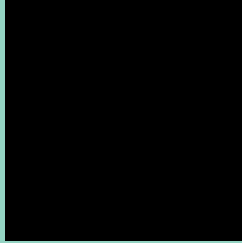
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

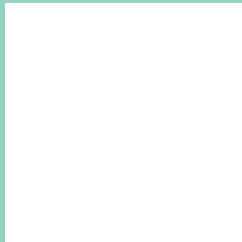
Any Text WCAG AAA ✓ Pass

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

RYB 147, 184, 211 Background



This preview shows how black text looks on a background with the RYB color 147, 184, 211.

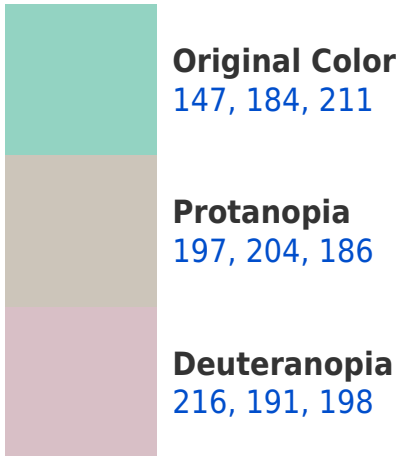


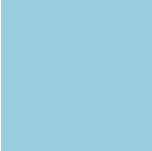
This preview shows how white text looks on a background with the RYB color 147, 184, 211.

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
153, 183, 223

Trichromacy



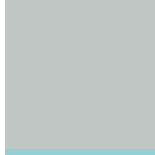
Original Color

147, 184, 211



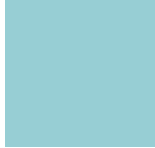
Protanomaly

183, 197, 202



Deuteranomaly

191, 195, 198



Tritanomaly

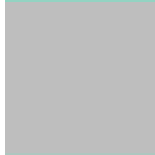
151, 180, 212

Monochromacy



Original Color

147, 184, 211



Achromatopsia

190, 190, 190



Achromatomaly

174, 188, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 184, 211 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, 211, 194)` looks like.

```
.text, #text, p{  
    color:rgb(147, 211, 194)  
}
```

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, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 211, 194) }
```

Border

The CSS property to change the border of an element to RYB 147, 184, 211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

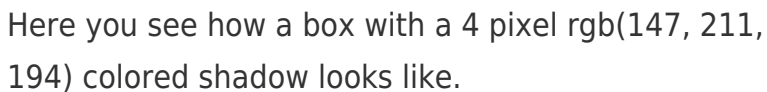
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 211, 194) }
```

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

```
.border{ border-color:rgb(147, 211, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 211, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 211, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 211, 194);  
box-shadow:4px 4px 4px 4px rgb(147, 211,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 147, 184, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 211, 194) }
```

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

```
.background{ background-color: rgb(147,  
211, 194) }
```

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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