

Converting Colors

`RYB(147, 201, 174)`

Have a look what the booklet for
RYB(147, 201, 174) contains.

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Color

R_YB(147, 201, 174)

Conversions

Conversions Part 1

Format	Color
Hex	AEC993
RGB	174, 201, 147
RGB Percent	68%, 79%, 58%
CMY	0.3176, 0.2118, 0.4235
CMYK	0.13, 0.00, 0.27, 0.21
HSL	90°, 33%, 68%
HSV	90°, 27%, 79%
XYZ	43.6087, 52.8785, 35.5119
YIQ	186.7710, 1.2420, -22.5180

Conversions

Conversions Part 2

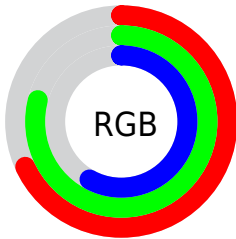
Format	Color
RYB	147, 201, 174
Decimal	11454867
CIELab	77.80, -18.68, 24.06
CIELCh	78, 30.464, 127.831
Yxy	52.8785, 0.3304, 0.4006
Android (android.graphics.Color)	4289644947 (0xFFAEC993)
YUV	186.7710, -19.6071, -11.2002
Hunter-Lab	72.7176, -20.2097, 21.9479

Details

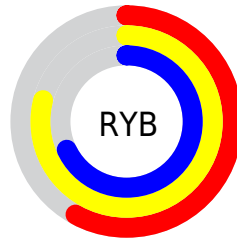
The RYB color **147, 201, 174** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **174, 147, 201**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **201, 255, 226**, and **96, 147, 122** is the 20% darker color. If you saturate the color by 10%, you get **127, 201, 164**, and if you desaturate by 10%, it is **167, 201, 184**.

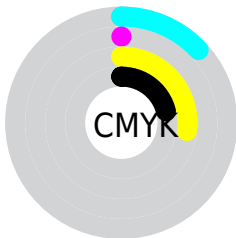
Distribution



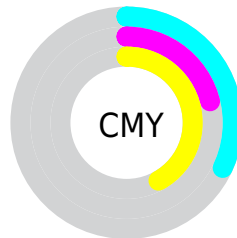
- Red (68%)
- Green (79%)
- Blue (58%)



- Red (58%)
- Yellow (79%)
- Blue (68%)



- Cyan (13%)
- Magenta (0%)
- Yellow (27%)
- Black (21%)



- Cyan (32%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 201, 174 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, 201, 174 by changing the saturation by 10% instead.


 147, 201, 174


255, 255, 255


 201, 255, 226

 229, 255, 229

 147, 201, 174

 121, 174, 148


 96, 147, 122

 72, 121, 97

 49, 96, 74

 27, 72, 51

 2, 50, 26

 0, 30, 30

 0, 0, 0

 147, 201, 174

 147, 201, 174

 127, 201, 164

 167, 201, 184

 107, 201, 154

 187, 201, 194

 87, 201, 144

 204, 201, 207

 67, 201, 134

 214, 201, 227

 46, 201, 123

 224, 201, 248

 26, 201, 113

 234, 201, 255

 6, 201, 103

 244, 201, 255

 0, 201, 100

 254, 201, 255

 255, 201, 255

Harmonies

Analogous

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



151, 205, 136



147, 201, 174



141, 186, 206

Triad

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



147, 201, 174



128, 173, 244



248, 171, 186

Complementary

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



147, 201, 174



174, 147, 201

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.



235, 174, 214



147, 201, 174



167, 186, 248

Square

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



147, 201, 174



106, 161, 226



206, 182, 237



246, 179, 159

Rectangle

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



147, 201, 174



122, 170, 208



206, 182, 237



246, 172, 195

Sweetspot

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



147, 201, 174



235, 255, 245



201, 201, 147



115, 128, 122



0, 0, 0



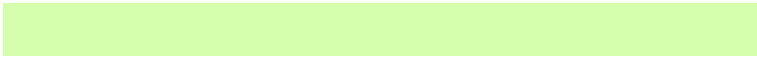
128, 128, 128

Same Dimension

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



147, 201, 174



173, 255, 214



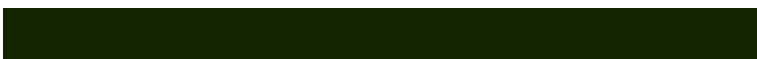
147, 201, 200



90, 99, 95



0, 163, 81



0, 36, 18

Inverse Universe

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



174, 147, 201



214, 173, 255



201, 147, 201



94, 90, 99



82, 0, 163



18, 0, 36

Previews

White Background



This preview shows how the RYB color 147, 201, 174 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, 201, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

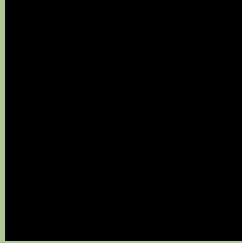
Any Text WCAG AA ✓ Pass

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, 201, 174 Background



This preview shows how black text looks on a background with the RYB color 147, 201, 174.

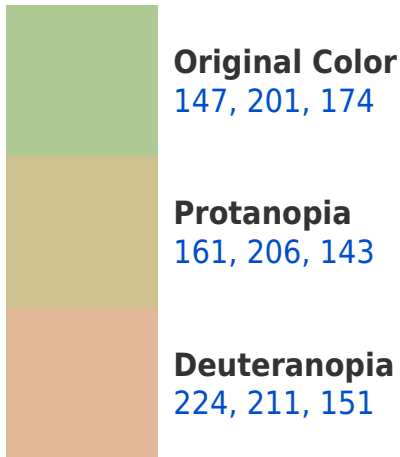


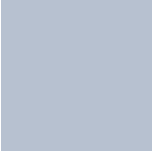
This preview shows how white text looks on a background with the RYB color 147, 201, 174.

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](#).

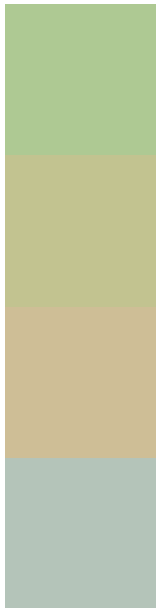
Dichromacy





Tritanopia
183, 190, 208

Trichromacy



Original Color
147, 201, 174

Protanomaly
144, 195, 145

Deuteranomaly
172, 206, 150

Tritanomaly
180, 192, 196

Monochromacy



Original Color
147, 201, 174

Achromatopsia
187, 187, 187

Achromatomaly
172, 192, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 201, 174 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(174, 201, 147)` looks like.

```
.text, #text, p{  
    color:rgb(174, 201, 147)  
}
```

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(174, 201, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 201, 147) }
```

Border

The CSS property to change the border of an element to RYB 147, 201, 174 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(174, 201, 147) }
```

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

```
.border{ border-color:rgb(174, 201, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 201, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 201, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 201, 147);  
box-shadow:4px 4px 4px 4px rgb(174, 201,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 147, 201, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 201, 147) }
```

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

```
.background{ background-color: rgb(174,  
201, 147) }
```

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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