

Converting Colors

`RYB(147, 205, 175)`

Have a look what the booklet for
RYB(147, 205, 175) contains.

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Color

R_YB(147, 205, 175)

Conversions

Conversions Part 1

Format	Color
Hex	B1CD93
RGB	177, 205, 147
RGB Percent	69%, 80%, 58%
CMY	0.3059, 0.1961, 0.4235
CMYK	0.14, 0.00, 0.28, 0.20
HSL	89°, 37%, 69%
HSV	89°, 28%, 80%
XYZ	45.2292, 55.1163, 35.8584
YIQ	190.0160, 1.9300, -23.9740

Conversions

Conversions Part 2

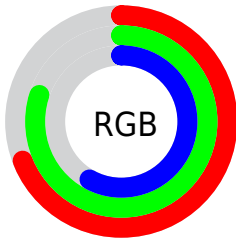
Format	Color
RYB	147, 205, 175
Decimal	11652499
CIELab	79.11, -19.59, 25.86
CIELCh	79, 32.447, 127.141
Yxy	55.1163, 0.3321, 0.4047
Android (android.graphics.Color)	4289842579 (0xFFB1CD93)
YUV	190.0160, -21.2069, -11.4150
Hunter-Lab	74.2404, -21.1736, 23.3309

Details

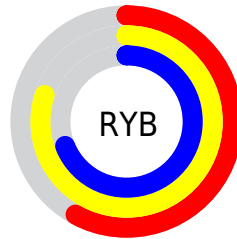
The RYB color **147, 205, 175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175, 147, 205**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **201, 255, 223**, and **96, 151, 123** is the 20% darker color. If you saturate the color by 10%, you get **126, 205, 164**, and if you desaturate by 10%, it is **168, 205, 186**.

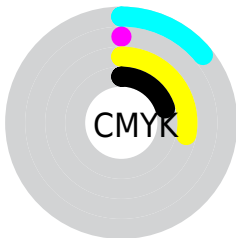
Distribution



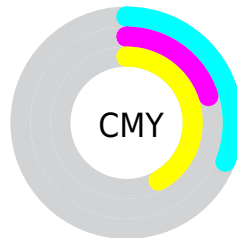
- Red (69%)
- Green (80%)
- Blue (58%)



- Red (58%)
- Yellow (80%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 205, 175 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, 205, 175 by changing the saturation by 10% instead.


 147, 205, 175


255, 255, 255


 201, 255, 223


 230, 255, 230

 147, 205, 175

 121, 177, 148

 96, 151, 123

 72, 125, 99

 48, 100, 74

 26, 76, 52

 2, 53, 28

 0, 32, 32

 0, 0, 0

 147, 205, 175

 147, 205, 175

 126, 205, 164

 168, 205, 186

 106, 205, 154

 188, 205, 196

 86, 205, 144

 207, 205, 209

 65, 205, 133

 217, 205, 229

 45, 205, 122

 226, 205, 250

 24, 205, 111

 236, 205, 255

 4, 205, 101

 246, 205, 255

 0, 205, 99

 255, 205, 255

Harmonies

Analogous

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



153, 210, 136



147, 205, 175



142, 191, 211

Triad

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



147, 205, 175



125, 174, 251



255, 173, 190

Complementary

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



147, 205, 175



175, 147, 205

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.



241, 177, 220



147, 205, 175



167, 189, 255

Square

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



147, 205, 175



101, 161, 231



210, 186, 244



254, 180, 161

Rectangle

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



147, 205, 175



120, 172, 212



210, 186, 244



252, 174, 200

Sweetspot

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



147, 205, 175



235, 255, 245



205, 198, 147



115, 128, 122



0, 0, 0



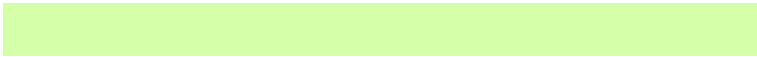
128, 128, 128

Same Dimension

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



147, 205, 175



168, 255, 210



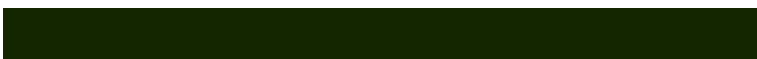
147, 205, 203



92, 102, 97



0, 166, 80



0, 38, 18

Inverse Universe

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



175, 147, 205



210, 168, 255



203, 147, 205



97, 92, 102



80, 0, 166



18, 0, 38

Previews

White Background



This preview shows how the RYB color 147, 205, 175 looks on a white background.

Color Contrast Check

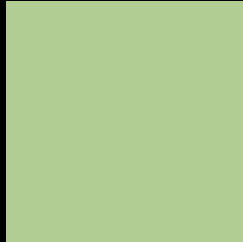
Large Text (above 18pt) WCAG AA × Fail

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, 205, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

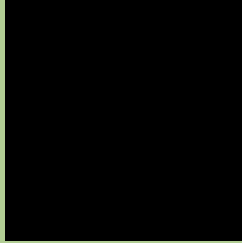
Any Text WCAG AA ✓ Pass

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, 205, 175 Background



This preview shows how black text looks on a background with the RYB color 147, 205, 175.



This preview shows how white text looks on a background with the RYB color 147, 205, 175.

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



Original Color
147, 205, 175

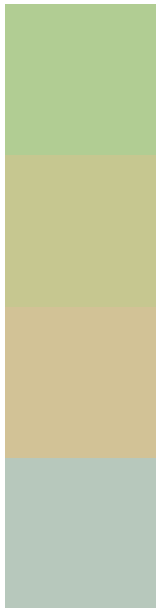
Protanopia
162, 210, 143

Deuteranopia
229, 221, 151



Tritanopia
187, 194, 212

Trichromacy



Original Color
147, 205, 175

Protanomaly
144, 199, 145

Deuteranomaly
172, 210, 150

Tritanomaly
183, 196, 200

Monochromacy



Original Color
147, 205, 175

Achromatopsia
190, 190, 190

Achromatomaly
174, 195, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 205, 175 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(177, 205, 147)` looks like.

```
.text, #text, p{  
    color:rgb(177, 205, 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(177, 205, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 205, 147) }
```

Border

The CSS property to change the border of an element to RYB 147, 205, 175 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(177, 205, 147) }
```

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

```
.border{ border-color:rgb(177, 205, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 205, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 205, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 205, 147);  
box-shadow:4px 4px 4px 4px rgb(177, 205,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 147, 205, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 205, 147) }
```

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

```
.background{ background-color: rgb(177,  
205, 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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