

Converting Colors

`RYB(147, 225, 183)`

Have a look what the booklet for
RYB(147, 225, 183) contains.

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Color

R_YB(147, 225, 183)

Conversions

Conversions Part 1

Format	Color
Hex	BDE193
RGB	189, 225, 147
RGB Percent	74%, 88%, 58%
CMY	0.2588, 0.1176, 0.4235
CMYK	0.16, 0.00, 0.35, 0.12
HSL	88°, 57%, 73%
HSV	88°, 35%, 88%
XYZ	53.1779, 66.7758, 37.6900
YIQ	205.3440, 3.5820, -31.8900

Conversions

Conversions Part 2

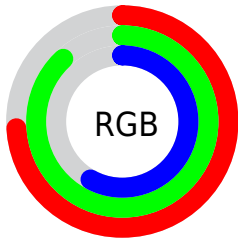
Format	Color
RYB	147, 225, 183
Decimal	12444051
CIELab	85.39, -25.02, 34.38
CIELCh	85, 42.526, 126.047
Yxy	66.7758, 0.3373, 0.4236
Android (android.graphics.Color)	4290634131 (0xFFBDE193)
YUV	205.3440, -28.7636, -14.3337
Hunter-Lab	81.7165, -26.8429, 29.8553

Details

The RYB color **147, 225, 183** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **183, 147, 225**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **202, 255, 211**, and **95, 170, 130** is the 20% darker color. If you saturate the color by 10%, you get **124, 225, 170**, and if you desaturate by 10%, it is **170, 225, 196**.

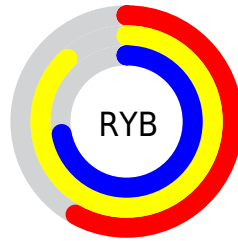
Distribution



Red (74%)

Green (88%)

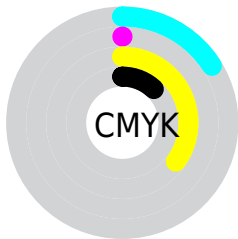
Blue (58%)



Red (58%)

Yellow (88%)

Blue (72%)

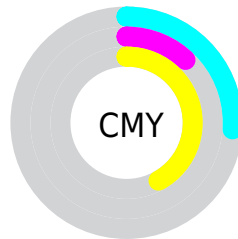


Cyan (16%)

Magenta (0%)

Yellow (35%)

Black (12%)



Cyan (26%)

Magenta (12%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 225, 183 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, 225, 183 by changing the saturation by 10% instead.


 147, 225, 183


255, 255, 255


 202, 255, 211

 230, 255, 230

 147, 225, 183

 121, 197, 157

 95, 170, 130

 71, 143, 106

 47, 117, 81

 23, 92, 57

 0, 69, 35

 0, 46, 37

 0, 27, 27

 0, 0, 0

 147, 225, 183

 147, 225, 183

 124, 225, 170

 170, 225, 196

 102, 225, 159

 192, 225, 207

 79, 225, 146

 214, 225, 219

 57, 225, 135

 231, 225, 237

 35, 225, 123

 241, 225, 255

 12, 225, 110

 251, 225, 255

 0, 225, 104

 255, 225, 255

Harmonies

Analogous

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



155, 232, 133



147, 225, 183



140, 205, 232

Triad

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



147, 225, 183



102, 170, 255



255, 182, 207

Complementary

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



147, 225, 183



183, 147, 225

Split Complementary

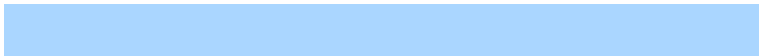
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 187, 247



147, 225, 183



170, 199, 255

Square

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



147, 225, 183



57, 150, 255



229, 200, 255



255, 192, 168

Rectangle

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



147, 225, 183



106, 179, 235



229, 200, 255



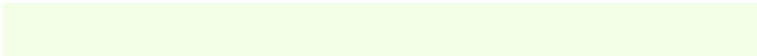
255, 183, 220

Sweetspot

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



147, 225, 183



230, 255, 242



225, 210, 147



112, 128, 120



0, 0, 0



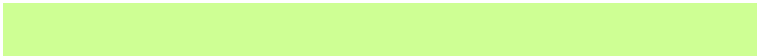
128, 128, 128

Same Dimension

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



147, 225, 183



148, 255, 197



147, 225, 221



101, 112, 106



0, 176, 81



0, 48, 22

Inverse Universe

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



183, 147, 225



197, 148, 255



221, 147, 225



106, 101, 112



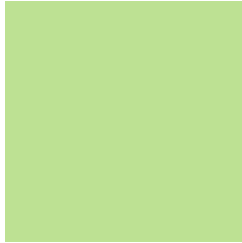
81, 0, 176



22, 0, 48

Previews

White Background



This preview shows how the RYB color 147, 225, 183 looks on a white background.

Color Contrast Check

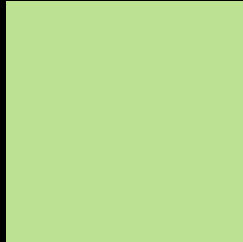
Large Text (above 18pt) WCAG AA × Fail

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, 225, 183 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, 225, 183 Background



This preview shows how black text looks on a background with the RYB color 147, 225, 183.

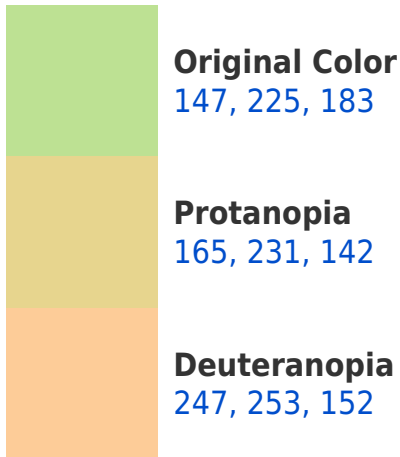


This preview shows how white text looks on a background with the RYB color 147, 225, 183.

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](#).

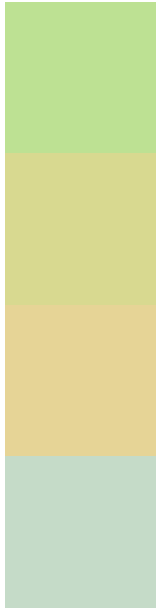
Dichromacy





Tritanopia
201, 211, 232

Trichromacy



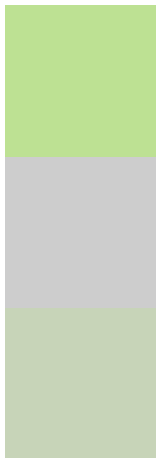
Original Color
147, 225, 183

Protanomaly
144, 217, 145

Deuteranomaly
173, 230, 150

Tritanomaly
197, 216, 219

Monochromacy



Original Color
147, 225, 183

Achromatopsia
205, 205, 205

Achromatomaly
184, 212, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 225, 183 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(189, 225, 147)` looks like.

```
.text, #text, p{  
    color:rgb(189, 225, 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(189, 225, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 225, 147) }
```

Border

The CSS property to change the border of an element to RYB 147, 225, 183 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(189, 225, 147) }
```

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

```
.border{ border-color:rgb(189, 225, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 225, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 225, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 225, 147);  
box-shadow:4px 4px 4px 4px rgb(189, 225,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 147, 225, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 225, 147) }
```

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

```
.background{ background-color: rgb(189,  
225, 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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