

# Converting Colors

`RYB(145, 222, 183)`

Have a look what the booklet for  
RYB(145, 222, 183) contains.

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# Color

**R<sub>Y</sub>B(145, 222, 183)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8DE91
RGB	184, 222, 145
RGB Percent	72%, 87%, 57%
CMY	0.2784, 0.1294, 0.4314
CMYK	0.17, 0.00, 0.35, 0.13
HSL	90°, 54%, 72%
HSV	90°, 35%, 87%
XYZ	50.9993, 64.4772, 36.5455
YIQ	201.8600, 2.0690, -32.0030

# Conversions

## Conversions Part 2

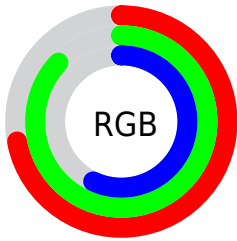
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 222, 183</a>
Decimal	<a href="#">12115601</a>
CIELab	<a href="#">84.21, -25.66, 33.79</a>
CIELCh	<a href="#">84, 42.427, 127.209</a>
Yxy	<a href="#">64.4772, 0.3355, 0.4241</a>
Android (android.graphics.Color)	<a href="#">4290305681 (0xFFB8DE91)</a>
YUV	<a href="#">201.8600, -28.0320, -15.6632</a>
Hunter-Lab	<a href="#">80.2977, -27.1508, 29.2241</a>

# Details

The RYB color **145, 222, 183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183, 145, 222**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **200, 255, 214**, and **93, 167, 130** is the 20% darker color. If you saturate the color by 10%, you get **123, 222, 172**, and if you desaturate by 10%, it is **167, 222, 194**.

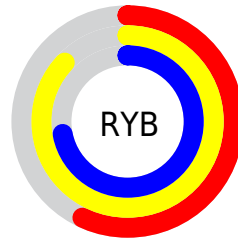
# Distribution



Red (72%)

Green (87%)

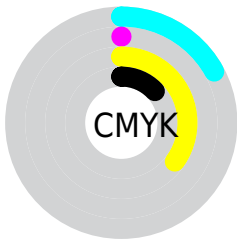
Blue (57%)



Red (57%)

Yellow (87%)

Blue (72%)

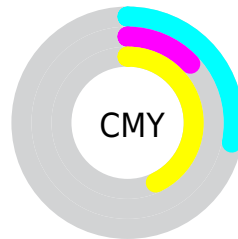


Cyan (17%)

Magenta (0%)

Yellow (35%)

Black (13%)



Cyan (28%)

Magenta (13%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 145, 222, 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 145, 222, 183 by changing the saturation by 10% instead.



 145, 222, 183

255, 255, 255


 200, 255, 214

 228, 255, 228


 145, 222, 183

 119, 194, 156

 93, 167, 130

 69, 140, 105

 45, 115, 82

 21, 90, 57

 0, 66, 37

 0, 44, 41

 0, 23, 23

 0, 0, 0

 145, 222, 183

 145, 222, 183

 123, 222, 172

 167, 222, 194

 101, 222, 161

 189, 222, 205

 78, 222, 149

 212, 222, 217

 56, 222, 138

 228, 222, 234

 34, 222, 127

 239, 222, 255

 12, 222, 116

 250, 222, 255

 0, 222, 110

 255, 222, 255

# Harmonies

## Analogous

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



149, 227, 130



145, 222, 183



135, 199, 229

# Triad

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



145, 222, 183



101, 169, 255



255, 179, 202

# Complementary

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



145, 222, 183



183, 145, 222

# Split Complementary

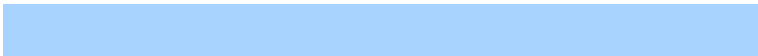
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 184, 242



145, 222, 183



169, 197, 255

# Square

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



145, 222, 183



52, 147, 255



227, 196, 255



255, 191, 164

# Rectangle

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



145, 222, 183



100, 173, 231



227, 196, 255



255, 179, 215



# Sweetspot

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



145, 222, 183



230, 255, 243



222, 216, 145



112, 128, 120



0, 0, 0



128, 128, 128

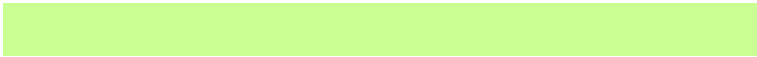


# Same Dimension

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



145, 222, 183



148, 255, 201



145, 222, 221



101, 112, 106



0, 176, 87



0, 48, 23



# Inverse Universe

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



183, 145, 222



201, 148, 255



221, 145, 222



107, 101, 112



87, 0, 176



24, 0, 48



# Previews

## White Background



This preview shows how the RYB color 145, 222, 183 looks on a white background.

## Color Contrast Check

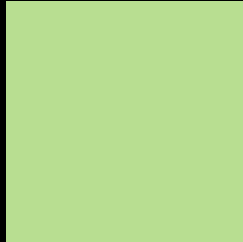
Large Text (above 18pt) WCAG AA × Fail

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 145, 222, 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 145, 222, 183 Background



This preview shows how black text looks on a background with the RYB color 145, 222, 183.

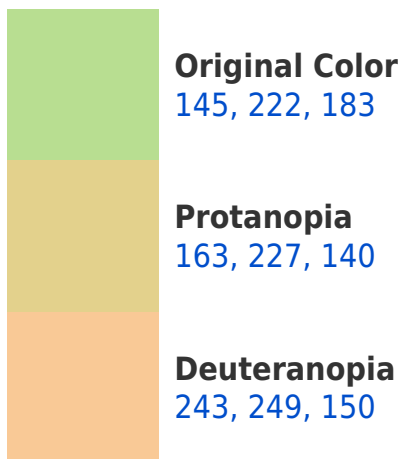


This preview shows how white text looks on a background with the RYB color 145, 222, 183.

# 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](#).

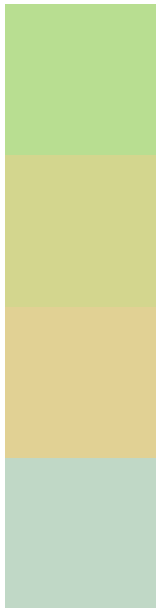
## Dichromacy





**Tritanopia**  
196, 207, 228

# Trichromacy



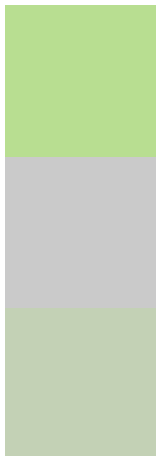
**Original Color**  
145, 222, 183

**Protanomaly**  
142, 214, 145

**Deuteranomaly**  
168, 225, 148

**Tritanomaly**  
192, 211, 216

# Monochromacy



**Original Color**  
145, 222, 183

**Achromatopsia**  
202, 202, 202

**Achromatomaly**  
181, 209, 195

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 145, 222, 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(184, 222, 145)` looks like.

```
.text, #text, p{  
    color:rgb(184, 222, 145)  
}
```

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(184, 222, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 222, 145) }
```

## Border

The CSS property to change the border of an element to RYB 145, 222, 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(184, 222, 145) }
```

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

```
.border{ border-color:rgb(184, 222, 145) }
```

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

Here you see how a box with a 4 pixel rgb(184, 222, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 222, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 222, 145);  
box-shadow:4px 4px 4px 4px rgb(184, 222,  
145) }
```

# Background

The CSS property to change the background color of an element to RYB 145, 222, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 222, 145) }
```

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

```
.background{ background-color: rgb(184,  
222, 145) }
```

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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