

Converting Colors

`RYB(144, 232, 191)`

Have a look what the booklet for
RYB(144, 232, 191) contains.

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Color

R_YB(144, 232, 191)

Conversions

Conversions Part 1

Format	Color
Hex	B9E890
RGB	185, 232, 144
RGB Percent	73%, 91%, 56%
CMY	0.2745, 0.0902, 0.4353
CMYK	0.20, 0.00, 0.38, 0.09
HSL	92°, 66%, 74%
HSV	92°, 38%, 91%
XYZ	53.8982, 70.0411, 37.0641
YIQ	207.9150, 0.2360, -37.3320

Conversions

Conversions Part 2

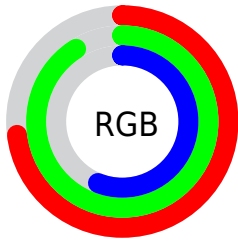
Format	Color
RYB	144, 232, 191
Decimal	12183696
CIELab	87.02, -30.18, 37.97
CIELCh	87, 48.505, 128.482
Yxy	70.0411, 0.3348, 0.4350
Android (android.graphics.Color)	4290373776 (0xFFB9E890)
YUV	207.9150, -31.5101, -20.0965
Hunter-Lab	83.6906, -31.5013, 32.3256

Details

The RYB color **144, 232, 191** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **191, 144, 232**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **199, 255, 212**, and **92, 176, 138** is the 20% darker color. If you saturate the color by 10%, you get **121, 232, 180**, and if you desaturate by 10%, it is **167, 232, 202**.

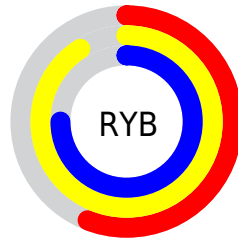
Distribution



Red (73%)

Green (91%)

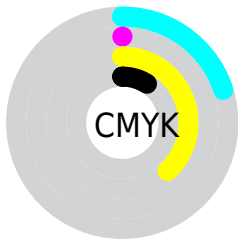
Blue (56%)



Red (56%)

Yellow (91%)

Blue (75%)

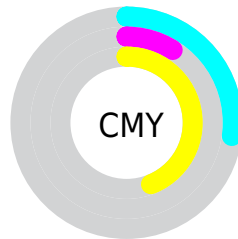


Cyan (20%)

Magenta (0%)

Yellow (38%)

Black (9%)



Cyan (27%)

Magenta (9%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 232, 191 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 144, 232, 191 by changing the saturation by 10% instead.

 144, 232, 191


255, 255, 255


 199, 255, 212


 227, 255, 227

 144, 232, 191

 118, 204, 165

 92, 176, 138


 67, 149, 112

 43, 123, 88

 17, 98, 62

 0, 74, 47


 0, 51, 51

 0, 32, 32

 0, 0, 0

 144, 232, 191

 144, 232, 191

 121, 232, 180

 167, 232, 202

 98, 232, 170

 190, 232, 212

 74, 232, 158

 214, 232, 224

 51, 232, 148

 235, 232, 237

 28, 232, 137

 247, 232, 255

 5, 232, 126

 255, 232, 255

 0, 232, 124

Harmonies

Analogous

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



144, 235, 125



144, 232, 191



127, 203, 240

Triad

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



144, 232, 191



81, 162, 255



255, 181, 206

Complementary

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



144, 232, 191



191, 144, 232

Split Complementary

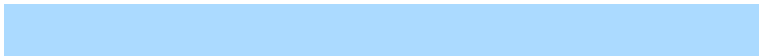
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 186, 253



144, 232, 191



171, 201, 255

Square

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



144, 232, 191



0, 124, 255



240, 201, 255



255, 199, 163

Rectangle

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



144, 232, 191



78, 168, 242



240, 201, 255



255, 182, 222

Sweetspot

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



144, 232, 191



227, 255, 242



221, 232, 144



111, 128, 120



0, 0, 0



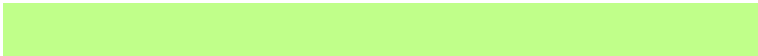
128, 128, 128

Same Dimension

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



144, 232, 191



138, 255, 201



144, 229, 232



103, 115, 109



0, 179, 96



0, 51, 27

Inverse Universe

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



191, 144, 232



200, 138, 255



232, 144, 229



109, 103, 115



95, 0, 179



27, 0, 51

Previews

White Background



This preview shows how the RYB color 144, 232, 191 looks on a white background.

Color Contrast Check

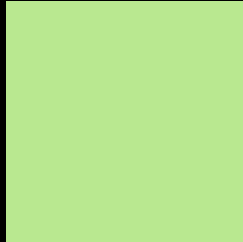
Large Text (above 18pt) WCAG AA × Fail

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 144, 232, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

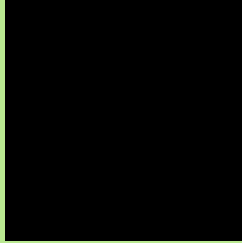
Any Text WCAG AA ✓ Pass

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 144, 232, 191 Background



This preview shows how black text looks on a background with the RYB color 144, 232, 191.

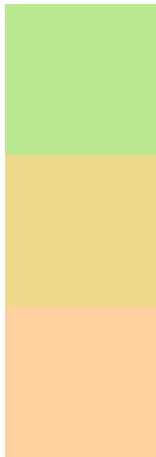


This preview shows how white text looks on a background with the RYB color 144, 232, 191.

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](#).

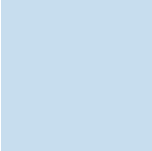
Dichromacy



Original Color
144, 232, 191

Protanopia
163, 237, 138

Deuteranopia
247, 255, 159



Tritanopia
199, 213, 238

Trichromacy



Original Color

144, 232, 191



Protanomaly

140, 222, 144



Deuteranomaly

170, 230, 154



Tritanomaly

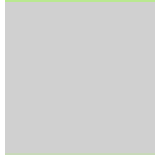
194, 217, 225

Monochromacy



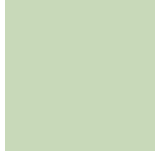
Original Color

144, 232, 191



Achromatopsia

208, 208, 208



Achromatomaly

185, 217, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 232, 191 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(185, 232, 144)` looks like.

```
.text, #text, p{  
    color:rgb(185, 232, 144)  
}
```

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(185, 232, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 232, 144) }
```

Border

The CSS property to change the border of an element to RYB 144, 232, 191 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(185, 232, 144) }
```

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

```
.border{ border-color:rgb(185, 232, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 232, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 232, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 232, 144);  
box-shadow:4px 4px 4px 4px rgb(185, 232,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 144, 232, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 232, 144) }
```

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

```
.background{ background-color: rgb(185,  
232, 144) }
```

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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