

Converting Colors

`RYB(143, 238, 206)`

Have a look what the booklet for
RYB(143, 238, 206) contains.

RYB(143, 238, 206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(143, 238, 206)

Conversions

Conversions Part 1

Format	Color
Hex	AFEE8F
RGB	175, 238, 143
RGB Percent	69%, 93%, 56%
CMY	0.3137, 0.0667, 0.4392
CMYK	0.26, 0.00, 0.40, 0.07
HSL	100°, 74%, 75%
HSV	100°, 40%, 93%
XYZ	53.2117, 72.2462, 37.1270
YIQ	208.3330, -7.0530, -42.9010

Conversions

Conversions Part 2

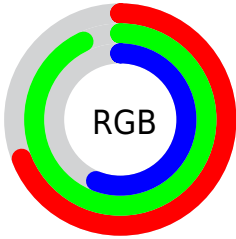
Format	Color
RYB	143, 238, 206
Decimal	11529871
CIELab	88.09, -36.56, 39.74
CIELCh	88, 53.996, 132.617
Yxy	72.2462, 0.3273, 0.4444
Android (android.graphics.Color)	4289719951 (0xFFAFEE8F)
YUV	208.3330, -32.2092, -29.2330
Hunter-Lab	84.9978, -36.9987, 33.6006

Details

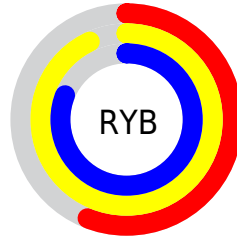
The RYB color **143, 238, 206** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **206, 143, 238**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **198, 255, 221**, and **91, 182, 153** is the 20% darker color. If you saturate the color by 10%, you get **119, 238, 198**, and if you desaturate by 10%, it is **167, 238, 214**.

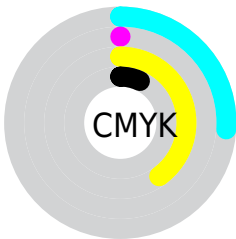
Distribution



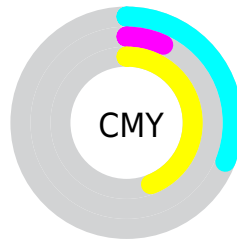
- Red (69%)
- Green (93%)
- Blue (56%)



- Red (56%)
- Yellow (93%)
- Blue (81%)



- Cyan (26%)
- Magenta (0%)
- Yellow (40%)
- Black (7%)



- Cyan (31%)
- Magenta (7%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 238, 206 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 143, 238, 206 by changing the saturation by 10% instead.

 143, 238, 206


255, 255, 255


 198, 255, 221


 226, 255, 226

 143, 238, 206

 117, 210, 180

 91, 182, 153


 66, 155, 128

 41, 128, 102

 15, 103, 78

 0, 78, 73

 0, 55, 55

 0, 35, 35

 0, 0, 0

 143, 238, 206

 143, 238, 206

 119, 238, 198

 167, 238, 214

 95, 238, 190

 191, 238, 222

 72, 238, 182

 214, 238, 230

 48, 238, 174

 238, 238, 238

 24, 238, 166

 254, 238, 255

 0, 238, 158

 255, 238, 255

Harmonies

Analogous

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



125, 232, 118



143, 238, 206



103, 192, 246

Triad

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



143, 238, 206



61, 153, 255



255, 179, 201

Complementary

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



143, 238, 206



206, 143, 238

Split Complementary

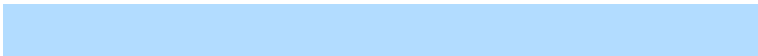
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 183, 253



143, 238, 206



178, 205, 255

Square

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



143, 238, 206



0, 125, 255



254, 199, 255



255, 210, 154

Rectangle

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



143, 238, 206



0, 130, 248



254, 199, 255



255, 179, 218

Sweetspot

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



143, 238, 206



224, 255, 244



194, 238, 143



110, 128, 122



0, 0, 0



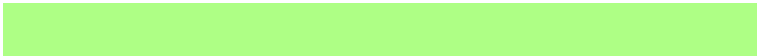
128, 128, 128

Same Dimension

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



143, 238, 206



133, 255, 214



143, 226, 238



108, 120, 116



0, 184, 122



0, 56, 37

Inverse Universe

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



206, 143, 238



214, 133, 255



238, 143, 224



116, 108, 120



122, 0, 184



37, 0, 56

Previews

White Background



This preview shows how the RYB color 143, 238, 206 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 143, 238, 206 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 143, 238, 206 Background



This preview shows how black text looks on a background with the RYB color 143, 238, 206.

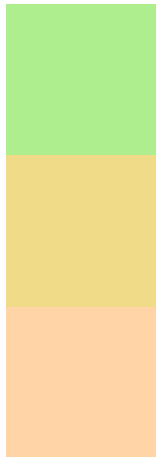


This preview shows how white text looks on a background with the RYB color 143, 238, 206.

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
143, 238, 206

Protanopia
161, 240, 136

Deuteranopia
247, 255, 167



Tritanopia
191, 212, 244

Trichromacy



Original Color

143, 238, 206



Protanomaly

139, 227, 150



Deuteranomaly

162, 226, 158



Tritanomaly

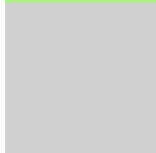
185, 215, 230

Monochromacy



Original Color

143, 238, 206



Achromatopsia

208, 208, 208



Achromatomaly

184, 219, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 238, 206 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(175, 238, 143)` looks like.

```
.text, #text, p{  
    color:rgb(175, 238, 143)  
}
```

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(175, 238, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 238, 143) }
```

Border

The CSS property to change the border of an element to RYB 143, 238, 206 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(175, 238, 143) }
```

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

```
.border{ border-color:rgb(175, 238, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 238, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 238, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 238, 143); box-shadow:4px 4px 4px 4px rgb(175, 238, 143) }
```

Background

The CSS property to change the background color of an element to RYB 143, 238, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 238, 143) }
```

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

```
.background{ background-color: rgb(175,  
238, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor