

Converting Colors

`RYB(141, 239, 192)`

Have a look what the booklet for
RYB(141, 239, 192) contains.

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Color

R_YB(141, 239, 192)

Conversions

Conversions Part 1

Format	Color
Hex	BCEF8D
RGB	188, 239, 141
RGB Percent	74%, 94%, 55%
CMY	0.2627, 0.0627, 0.4471
CMYK	0.21, 0.00, 0.41, 0.06
HSL	91°, 75%, 75%
HSV	91°, 41%, 94%
XYZ	56.4133, 74.3475, 36.5765
YIQ	212.5790, 1.0620, -41.2900

Conversions

Conversions Part 2

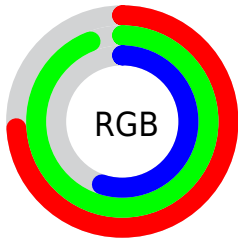
Format	Color
RYB	141, 239, 192
Decimal	12382093
CIELab	89.09, -32.76, 42.15
CIELCh	89, 53.388, 127.857
Yxy	74.3475, 0.3371, 0.4443
Android (android.graphics.Color)	4290572173 (0xFFBCEF8D)
YUV	212.5790, -35.2884, -21.5558
Hunter-Lab	86.2250, -34.1089, 35.2068

Details

The RYB color **141, 239, 192** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **192, 141, 239**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **196, 255, 205**, and **89, 183, 139** is the 20% darker color. If you saturate the color by 10%, you get **117, 239, 180**, and if you desaturate by 10%, it is **165, 239, 204**.

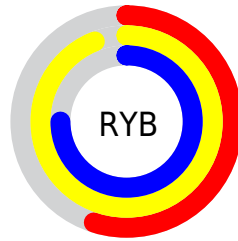
Distribution



Red (74%)

Green (94%)

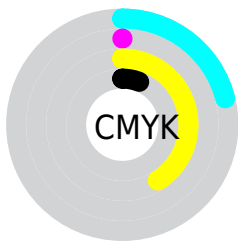
Blue (55%)



Red (55%)

Yellow (94%)

Blue (75%)

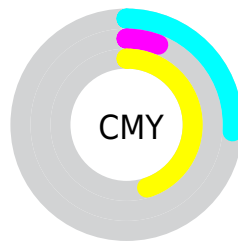


Cyan (21%)

Magenta (0%)

Yellow (41%)

Black (6%)



Cyan (26%)

Magenta (6%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 239, 192 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 141, 239, 192 by changing the saturation by 10% instead.

 141, 239, 192

255, 255, 255


 196, 255, 205


 224, 255, 224

253, 255, 253


 141, 239, 192


 115, 211, 166

 89, 183, 139


 64, 156, 114

 39, 129, 88

 10, 104, 60

 0, 80, 53

 0, 56, 56

 0, 36, 36

 0, 0, 0

 141, 239, 192

 141, 239, 192

 117, 239, 180

 165, 239, 204

 93, 239, 169

 189, 239, 215

 69, 239, 157

 213, 239, 227

 45, 239, 146

 237, 239, 238

 22, 239, 135

 250, 239, 255

 0, 239, 124

 255, 239, 255

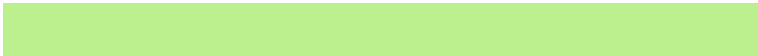
Harmonies

Analogous

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



142, 243, 121



141, 239, 192



121, 205, 247

Triad

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



141, 239, 192



42, 144, 255



255, 183, 212

Complementary

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



141, 239, 192



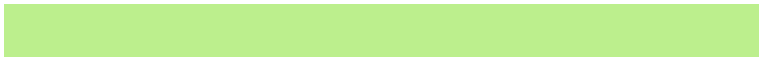
192, 141, 239

Split Complementary

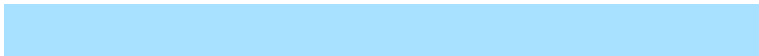
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 189, 255



141, 239, 192



168, 202, 255

Square

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



141, 239, 192



0, 126, 255



246, 205, 255



255, 202, 164

Rectangle

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



141, 239, 192



56, 162, 250



246, 205, 255



255, 183, 230

Sweetspot

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



141, 239, 192



224, 255, 240



231, 239, 141



110, 128, 120



0, 0, 0



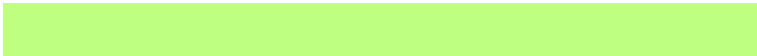
128, 128, 128

Same Dimension

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



141, 239, 192



130, 255, 195



141, 237, 239



108, 120, 114



0, 184, 96



0, 56, 29

Inverse Universe

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



192, 141, 239



195, 130, 255



239, 141, 237



114, 108, 120



96, 0, 184



29, 0, 56

Previews

White Background



This preview shows how the RYB color 141, 239, 192 looks on a white background.

Color Contrast Check

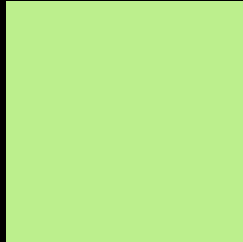
Large Text (above 18pt) WCAG AA × Fail

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 141, 239, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

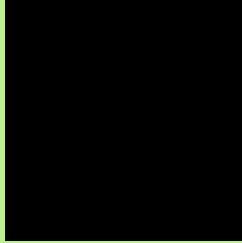
Any Text WCAG AA ✓ Pass

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 141, 239, 192 Background



This preview shows how black text looks on a background with the RYB color 141, 239, 192.

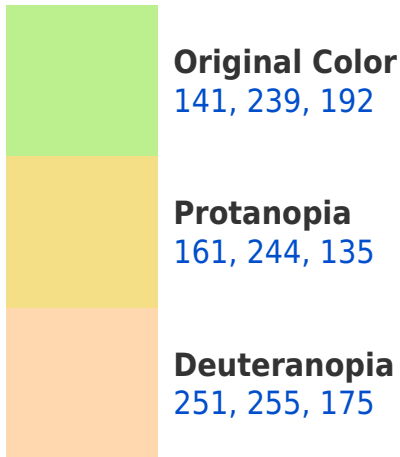


This preview shows how white text looks on a background with the RYB color 141, 239, 192.

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
203, 218, 245

Trichromacy



Original Color

141, 239, 192



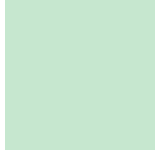
Protanomaly

137, 229, 142



Deuteranomaly

171, 231, 163



Tritanomaly

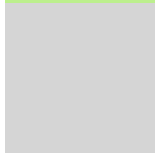
198, 224, 231

Monochromacy



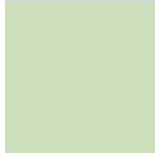
Original Color

141, 239, 192



Achromatopsia

213, 213, 213



Achromatomaly

187, 222, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 239, 192 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(188, 239, 141)` looks like.

```
.text, #text, p{  
    color:rgb(188, 239, 141)  
}
```

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(188, 239, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 239, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 239, 192 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(188, 239, 141) }
```

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

```
.border{ border-color:rgb(188, 239, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 239, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 239, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 239, 141);  
box-shadow:4px 4px 4px 4px rgb(188, 239,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 239, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 239, 141) }
```

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

```
.background{ background-color: rgb(188,  
239, 141) }
```

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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