

Converting Colors

`RYB(139, 240, 198)`

Have a look what the booklet for
RYB(139, 240, 198) contains.

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Color

R_YB(139, 240, 198)

Conversions

Conversions Part 1

Format	Color
Hex	B5F08B
RGB	181, 240, 139
RGB Percent	71%, 94%, 55%
CMY	0.2902, 0.0588, 0.4549
CMYK	0.25, 0.00, 0.42, 0.06
HSL	95°, 77%, 74%
HSV	95°, 42%, 94%
XYZ	54.8763, 74.0080, 35.8188
YIQ	210.8450, -2.7430, -43.9190

Conversions

Conversions Part 2

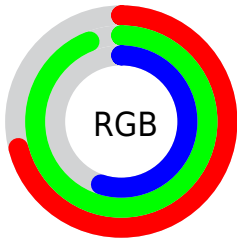
Format	Color
RYB	139, 240, 198
Decimal	11923595
CIELab	88.93, -35.92, 42.84
CIELCh	89, 55.912, 129.980
Yxy	74.0080, 0.3332, 0.4493
Android (android.graphics.Color)	4290113675 (0xFFB5F08B)
YUV	210.8450, -35.4196, -26.1741
Hunter-Lab	86.0279, -36.6855, 35.5334

Details

The RYB color **139, 240, 198** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **198, 139, 240**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **194, 255, 211**, and **87, 184, 145** is the 20% darker color. If you saturate the color by 10%, you get **115, 240, 188**, and if you desaturate by 10%, it is **163, 240, 208**.

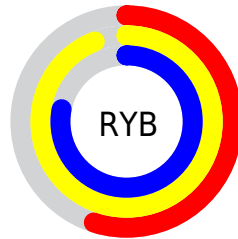
Distribution



Red (71%)

Green (94%)

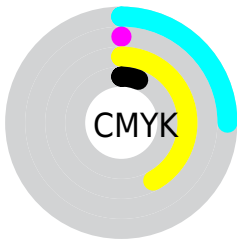
Blue (55%)



Red (55%)

Yellow (94%)

Blue (78%)

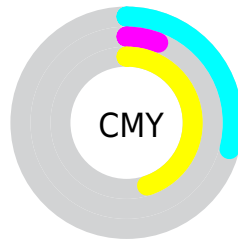


Cyan (25%)

Magenta (0%)

Yellow (42%)

Black (6%)



Cyan (29%)

Magenta (6%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 240, 198 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 139, 240, 198 by changing the saturation by 10% instead.

 139, 240, 198

255, 255, 255


 194, 255, 211


 222, 255, 222

 251, 255, 251


 139, 240, 198


 113, 211, 171

 87, 184, 145


 62, 157, 120

 36, 130, 93

 6, 105, 65

 0, 80, 65

 0, 56, 56

 0, 36, 36

 0, 0, 0

 139, 240, 198

 139, 240, 198

 115, 240, 188

 163, 240, 208

 91, 240, 178

 187, 240, 218


 67, 240, 168

 211, 240, 228

 43, 240, 158

 235, 240, 238

 19, 240, 148

 251, 240, 255

 0, 240, 140

 255, 240, 255

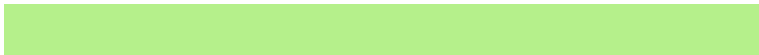
Harmonies

Analogous

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



130, 239, 115



139, 240, 198



108, 198, 248

Triad

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



139, 240, 198



4, 125, 255



255, 180, 207

Complementary

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



139, 240, 198



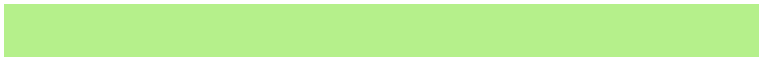
198, 139, 240

Split Complementary

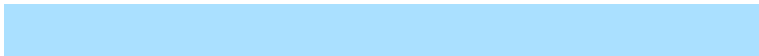
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 185, 255



139, 240, 198



170, 203, 255

Square

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



139, 240, 198



0, 126, 255



252, 203, 255



255, 205, 157

Rectangle

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



139, 240, 198



0, 133, 251



252, 203, 255



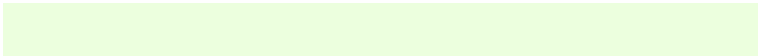
255, 180, 225

Sweetspot

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



139, 240, 198



222, 255, 241



211, 240, 139



107, 128, 119



0, 0, 0



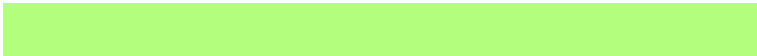
128, 128, 128

Same Dimension

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



139, 240, 198



125, 255, 201



139, 233, 240



108, 120, 115



0, 184, 108



0, 56, 33

Inverse Universe

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



198, 139, 240



201, 125, 255



240, 139, 232



115, 108, 120



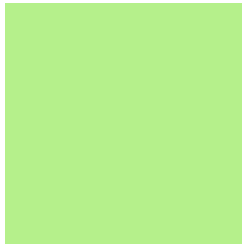
107, 0, 184



33, 0, 56

Previews

White Background



This preview shows how the RYB color 139, 240, 198 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 139, 240, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

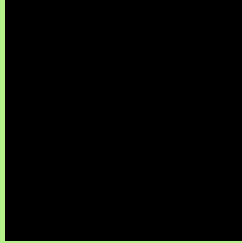
Any Text WCAG AA ✓ Pass

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 139, 240, 198 Background



This preview shows how black text looks on a background with the RYB color 139, 240, 198.



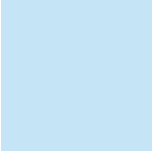
This preview shows how white text looks on a background with the RYB color 139, 240, 198.

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
197, 216, 246

Trichromacy



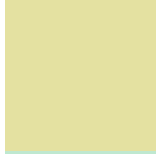
Original Color

139, 240, 198



Protanomaly

135, 229, 143



Deuteranomaly

164, 228, 161



Tritanomaly

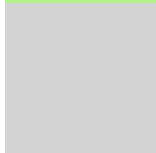
191, 220, 232

Monochromacy



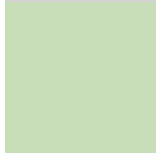
Original Color

139, 240, 198



Achromatopsia

211, 211, 211



Achromatomaly

185, 222, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 240, 198 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(181, 240, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 240, 139)  
}
```

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(181, 240, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 240, 139) }
```

Border

The CSS property to change the border of an element to RYB 139, 240, 198 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(181, 240, 139) }
```

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

```
.border{ border-color:rgb(181, 240, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 240, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 240, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 240, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 240,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 139, 240, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 240, 139) }
```

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

```
.background{ background-color: rgb(181,  
240, 139) }
```

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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