

Converting Colors

`RYB(156, 252, 179)`

Have a look what the booklet for
RYB(156, 252, 179) contains.

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Color

R_YB(156, 252, 179)

Conversions

Conversions Part 1

Format	Color
Hex	E5FC9C
RGB	229, 252, 156
RGB Percent	90%, 99%, 61%
CMY	0.1020, 0.0118, 0.3882
CMYK	0.09, 0.00, 0.38, 0.01
HSL	74°, 94%, 80%
HSV	74°, 38%, 99%
XYZ	73.1243, 88.6791, 44.7152
YIQ	234.1790, 17.1080, -34.7320

Conversions

Conversions Part 2

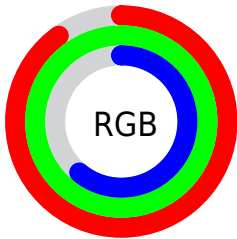
Format	Color
RYB	156, 252, 179
Decimal	15072412
CIELab	95.45, -22.22, 43.49
CIELCh	95, 48.835, 117.062
Yxy	88.6791, 0.3541, 0.4294
Android (android.graphics.Color)	4293262492 (0xFFE5FC9C)
YUV	234.1790, -38.5422, -4.5420
Hunter-Lab	94.1696, -26.1886, 37.7656

Details

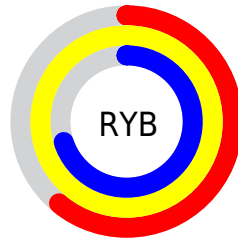
The RYB color **156, 252, 179** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **179, 156, 252**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **212, 255, 212**, and **103, 195, 126** is the 20% darker color. If you saturate the color by 10%, you get **131, 252, 160**, and if you desaturate by 10%, it is **181, 252, 198**.

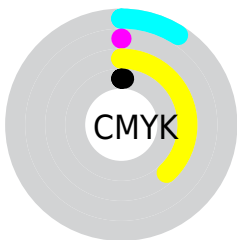
Distribution



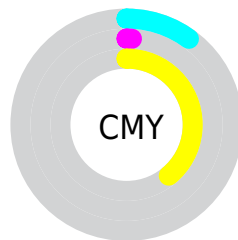
- Red (90%)
- Green (99%)
- Blue (61%)



- Red (61%)
- Yellow (99%)
- Blue (70%)



- Cyan (9%)
- Magenta (0%)
- Yellow (38%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 252, 179 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 156, 252, 179 by changing the saturation by 10% instead.

 156, 252, 179

255, 255, 255


 212, 255, 212

 240, 255, 240


 156, 252, 179


 129, 223, 152

 103, 195, 126

 78, 168, 101

 53, 142, 77

 27, 116, 51

 0, 91, 24

 0, 68, 25

 0, 45, 29

 0, 27, 27

156, 252, 179

156, 252, 179

131, 252, 160

181, 252, 198

106, 252, 141

206, 252, 217

80, 252, 121

232, 252, 237

55, 252, 102

253, 252, 255

30, 252, 83

255, 252, 255

5, 252, 64

0, 252, 60

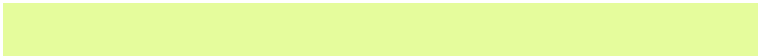
Harmonies

Analogous

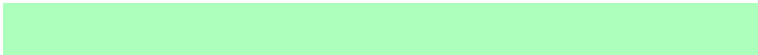
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169, 255, 147



156, 252, 179



173, 242, 255

Triad

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



156, 252, 179



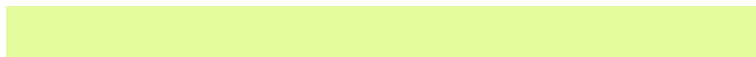
80, 168, 255



255, 205, 248

Complementary

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



156, 252, 179



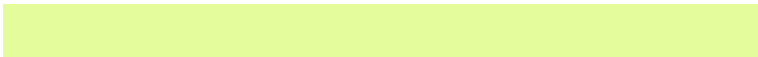
179, 156, 252

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, 215, 255



156, 252, 179



165, 208, 255

Square

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



156, 252, 179



42, 149, 255



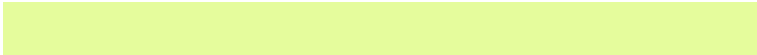
241, 231, 255



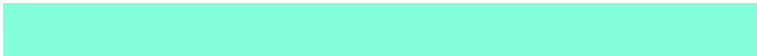
255, 209, 201

Rectangle

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



156, 252, 179



132, 204, 255



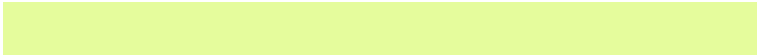
241, 231, 255



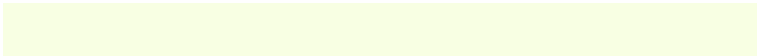
255, 207, 255

Sweetspot

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



156, 252, 179



227, 255, 234



252, 185, 156



111, 128, 115



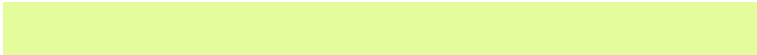
0, 0, 0



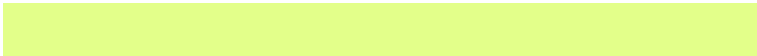
128, 128, 128

Same Dimension

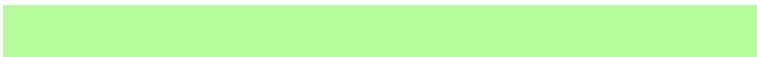
The Same Dimension uses a secret algorithm to generate beautiful new colors.



156, 252, 179



138, 255, 166



156, 252, 226



112, 125, 115



0, 189, 46



0, 61, 14

Inverse Universe

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



179, 156, 252



166, 138, 255



226, 156, 252



115, 112, 125



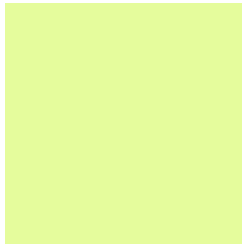
45, 0, 189



15, 0, 61

Previews

White Background



This preview shows how the RYB color 156, 252, 179 looks on a white background.

Color Contrast Check

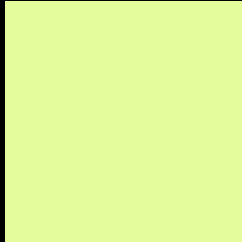
Large Text (above 18pt) WCAG AA × Fail

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 156, 252, 179 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 156, 252, 179 Background



This preview shows how black text looks on a background with the RYB color 156, 252, 179.

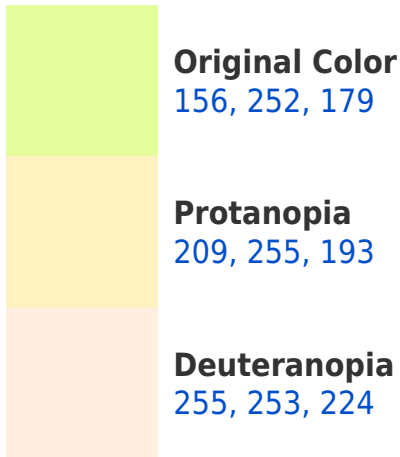


This preview shows how white text looks on a background with the RYB color 156, 252, 179.

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

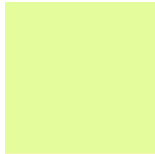




Tritanopia

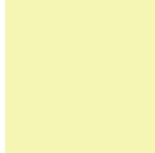
242, 240, 255

Trichromacy



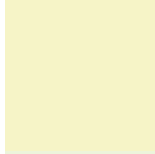
Original Color

156, 252, 179



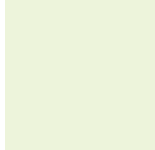
Protanomaly

180, 246, 180



Deuteranomaly

201, 246, 199



Tritanomaly

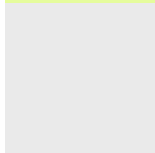
219, 244, 226

Monochromacy



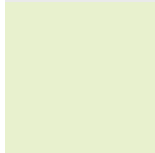
Original Color

156, 252, 179



Achromatopsia

234, 234, 234



Achromatomaly

206, 241, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 252, 179 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(229, 252, 156)` looks like.

```
.text, #text, p{  
    color:rgb(229, 252, 156)  
}
```

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(229, 252, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 252, 156) }
```

Border

The CSS property to change the border of an element to RYB 156, 252, 179 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(229, 252, 156) }
```

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

```
.border{ border-color:rgb(229, 252, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 252, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 252, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 252, 156);  
box-shadow:4px 4px 4px 4px rgb(229, 252,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 156, 252, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 252, 156) }
```

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

```
.background{ background-color: rgb(229,  
252, 156) }
```

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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