

Converting Colors

`RYB(156, 252, 248)`

Have a look what the booklet for
RYB(156, 252, 248) contains.

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Color

R_YB(156, 252, 248)

Conversions

Conversions Part 1

Format	Color
Hex	A0FC9C
RGB	160, 252, 156
RGB Percent	63%, 99%, 61%
CMY	0.3725, 0.0118, 0.3882
CMYK	0.37, 0.00, 0.38, 0.01
HSL	118°, 94%, 80%
HSV	118°, 38%, 99%
XYZ	55.3084, 79.4947, 43.8814
YIQ	213.5480, -24.0160, -49.3600

Conversions

Conversions Part 2

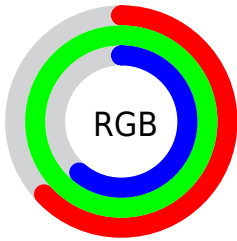
Format	Color
RYB	156, 252, 248
Decimal	10550428
CIELab	91.46, -45.75, 37.54
CIELCh	91, 59.178, 140.626
Yxy	79.4947, 0.3095, 0.4449
Android (android.graphics.Color)	4288740508 (0xFFA0FC9C)
YUV	213.5480, -28.3712, -46.9616
Hunter-Lab	89.1598, -45.3010, 33.2313

Details

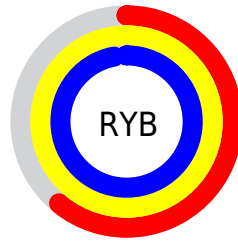
The RYB color **156, 252, 248** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **248, 156, 252**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **211, 255, 248**, and **103, 195, 194** is the 20% darker color. If you saturate the color by 10%, you get **131, 252, 247**, and if you desaturate by 10%, it is **181, 252, 249**.

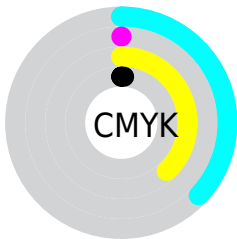
Distribution



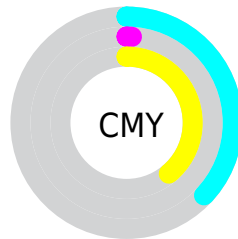
- Red (63%)
- Green (99%)
- Blue (61%)



- Red (61%)
- Yellow (99%)
- Blue (97%)



- Cyan (37%)
- Magenta (0%)
- Yellow (38%)
- Black (1%)



- Cyan (37%)
- Magenta (1%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 252, 248 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, 248 by changing the saturation by 10% instead.

 156, 252, 248

255, 255, 255


 211, 255, 248


 240, 255, 248

 156, 252, 248


 129, 223, 220

 103, 195, 194

 76, 165, 167


 46, 133, 140

 1, 92, 114

 0, 88, 89

 0, 64, 64

 0, 43, 43

 0, 10, 10

 156, 252, 248

 156, 252, 248

 131, 252, 247

 181, 252, 249

 106, 252, 246

 206, 252, 250

 80, 252, 244

 232, 252, 252

 55, 252, 244

 255, 252, 255

 30, 252, 243

 5, 252, 242

 0, 252, 242

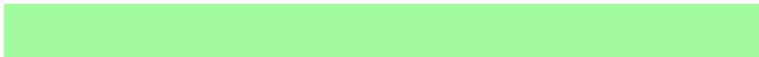
Harmonies

Analogous

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



121, 239, 134



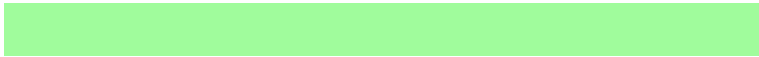
156, 252, 248



60, 170, 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, 248



87, 168, 255



255, 186, 194

Complementary

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



156, 252, 248



248, 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, 185, 251



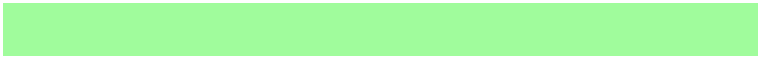
156, 252, 248



207, 219, 255

Square

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



156, 252, 248



0, 127, 255



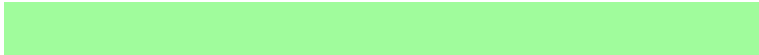
255, 201, 255



251, 255, 145

Rectangle

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



156, 252, 248



0, 129, 255



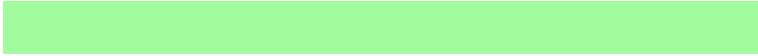
255, 201, 255



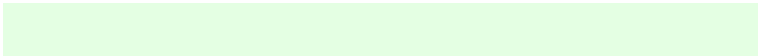
255, 184, 212

Sweetspot

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



156, 252, 248



227, 255, 254



161, 252, 156



111, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

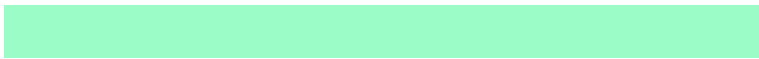
The Same Dimension uses a secret algorithm to generate beautiful new colors.



156, 252, 248



138, 255, 250



156, 222, 252



112, 125, 124



0, 189, 181



0, 61, 58

Inverse Universe

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



248, 156, 252



250, 138, 255



252, 156, 209



124, 112, 125



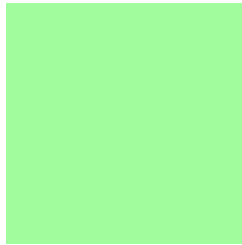
181, 0, 189



59, 0, 61

Previews

White Background



This preview shows how the RYB color 156, 252, 248 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, 248 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

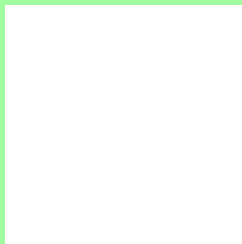
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 156, 252, 248 Background



This preview shows how black text looks on a background with the RYB color 156, 252, 248.

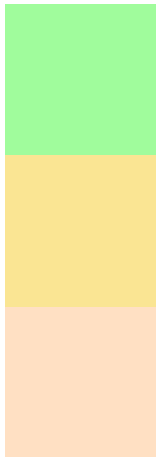


This preview shows how white text looks on a background with the RYB color 156, 252, 248.

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
156, 252, 248

Protanopia
173, 250, 147

Deuteranopia
255, 251, 195



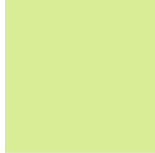
Tritanopia
187, 216, 255

Trichromacy



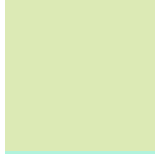
Original Color

156, 252, 248



Protanomaly

150, 237, 170



Deuteranomaly

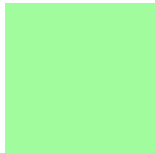
181, 234, 195



Tritanomaly

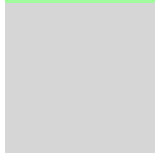
177, 217, 243

Monochromacy



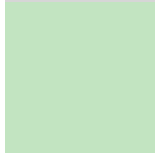
Original Color

156, 252, 248



Achromatopsia

214, 214, 214



Achromatomaly

193, 228, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 252, 248 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(160, 252, 156)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 252, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 252, 156) }
```

Border

The CSS property to change the border of an element to RYB 156, 252, 248 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(160, 252, 156) }
```

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

```
.border{ border-color:rgb(160, 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(160, 252, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 252, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 252, 156);  
box-shadow:4px 4px 4px 4px rgb(160, 252,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 156, 252, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 252, 156) }
```

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

```
.background{ background-color: rgb(160,  
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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