Converting Colors

RGB(156, 251, 171)

Have a look what the booklet for RGB(156, 251, 171) contains.

Color

RGB(156, 251, 171)

Conversions

Conversions Part 1

Format	Color
Hex	9CFBAB
RGB	156, 251, 171
RGB Percent	61%, 98%, 67%
CMY	0.3882, 0.0157, 0.3294
CMYK	0.38, 0.00, 0.32, 0.02
HSL	129°, 92%, 80%
HSV	129°, 38%, 98%
XYZ	55.5582, 79.0026, 50.8489
YIQ	213.4750, -30.9400, -45.0200

Conversions

Conversions Part 2

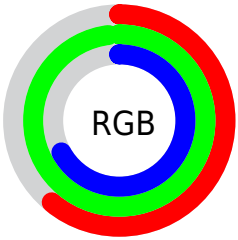
Format	Color
RYB	156, 238, 251
Decimal	10288043
CIELab	91.24, -44.16, 29.72
CIELCh	91, 53.230, 146.059
Yxy	79.0026, 0.2997, 0.4261
Android (android.graphics.Color)	4288478123 (0xFF9CFBAB)
YUV	213.4750, -20.9402, -50.4056
Hunter-Lab	88.8834, -43.9713, 28.2994

Details

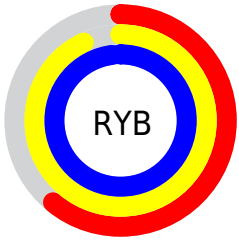
The RGB color 156, 251, 171 is a light color, and the websafe version is hex 99FF99. A complement of this color would be 251, 156, 236, and the grayscale version is 214, 214, 214.

A 20% lighter version of the original color is 213, 255, 227, and 100, 194, 118 is the 20% darker color. If you saturate the color by 10%, you get 131, 251, 150, and if you desaturate by 10%, it is 181, 251, 192.

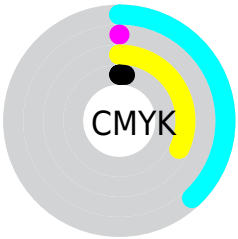
Distribution



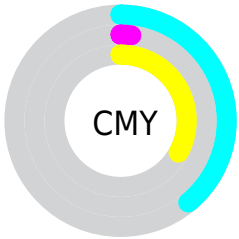
- Red (61%)
- Green (98%)
- Blue (67%)



- Red (61%)
- Yellow (93%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (32%)
- Black (2%)



- Cyan (39%)
- Magenta (2%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 251, 171 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 RGB color 156, 251, 171 by changing the saturation by 10% instead.

156, 251, 171

255, 255, 255

213, 255, 227

243, 255, 255

156, 251, 171

128, 222, 144

100, 194, 118

72, 166, 93

41, 139, 69

0, 113, 45

0, 88, 22

0, 64, 0

0, 42, 0

0, 8, 0

156, 251, 171

131, 251, 150

106, 251, 129

81, 251, 108

56, 251, 86

31, 251, 65

5, 251, 44

0, 251, 40

156, 251, 171

181, 251, 192

206, 251, 213

231, 251, 234

255, 251, 255

Harmonies

Analogous

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

217, 240, 136

156, 251, 171

74, 255, 221

Triad

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

156, 251, 171

136, 237, 255

255, 192, 188

Complementary

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

156, 251, 171

251, 156, 236

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, 239

156, 251, 171

225, 219, 255

Square

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

156, 251, 171

0, 250, 255

255, 201, 255

255, 206, 147

Rectangle

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

156, 251, 171

0, 255, 255

255, 201, 255

255, 190, 204

Sweetspot

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

156, 251, 171

227, 255, 231

237, 251, 156

111, 128, 114

0, 0, 0

128, 128, 128

Same Dimension

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

156, 251, 171

140, 255, 158

156, 251, 218

112, 125, 114

0, 189, 30

0, 61, 10

Inverse Universe

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

251, 156, 236

255, 140, 237

251, 156, 189

125, 112, 123

189, 0, 159

61, 0, 52

Previews

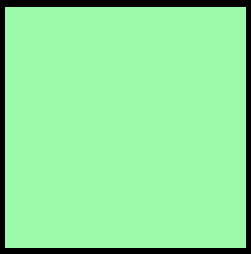
White Background

This preview shows how the RGB color 156, 251, 171 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



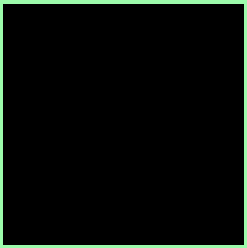
This preview shows how the RGB color 156, 251, 171 looks on a black background.

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.

RGB 156, 251, 171 Background



This preview shows how black text looks on a background with the RGB color 156, 251, 171.

This preview shows how white text looks on a background with the RGB color 156, 251, 171.

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, 251, 171

Protanopia
247, 228, 161

Deuteranopia
255, 223, 197

Tritanopia
183, 238, 255

Trichromacy

Original Color
156, 251, 171

Protanomaly
214, 236, 165

Deuteranomaly
219, 233, 188

Tritanomaly
173, 243, 224

Monochromacy

Original Color
156, 251, 171

Achromatopsia
213, 213, 213

Achromatomaly
192, 227, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 251, 171 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(156, 251, 171) looks like.

```
.text, #text, p{
    color:rgb(156, 251, 171)
}
```

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(156, 251, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 251, 171) }
```

Border

The CSS property to change the border of an element to RGB 156, 251, 171 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(156, 251, 171) }
```

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

```
.border{ border-color:rgb(156, 251, 171) }
```

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

Here you see how a box with a 4 pixel rgb(156, 251, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 251, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 251, 171); box-shadow:4px 4px 4px 4px rgb(156, 251, 171) }
```

Background

The CSS property to change the background color of an element to RGB 156, 251, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(156, 251, 171) }
```

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

```
.background{ background-color:rgb(156,
251, 171) }
```

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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