Converting Colors

RYB(156, 217, 241)

Have a look what the booklet for RYB(156, 217, 241) contains.

Color

RYB(156, 217, 241)

Conversions

Conversions Part 1

Format	Color
Hex	9CF1BD
RGB	156, 241, 189
RGB Percent	61%, 95%, 74%
CMY	0.3882, 0.0549, 0.2571
CMYK	0.35, 0.00, 0.21, 0.05
HSL	144°, 75%, 78%
HSV	144°, 35%, 95%
XYZ	54.3990, 73.6719, 59.7494
YIQ	209.6570, -33.9680, -34.1920

Conversions

Conversions Part 2

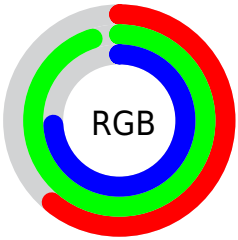
Format	Color
RYB	156, 217, 241
Decimal	10285501
CIELab	88.77, -36.45, 16.89
CIELCh	89, 40.174, 155.134
Yxy	73.6719, 0.2896, 0.3922
Android (android.graphics.Color)	4288475581 (0xFF9CF1BD)
YUV	209.6570, -10.1839, -47.0572
Hunter-Lab	85.8323, -37.0764, 18.8098

Details

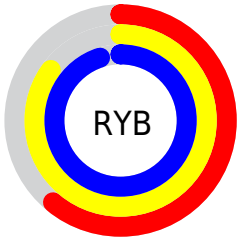
The RYB color 156, 217, 241 is a light color, and the websafe version is hex 99FFCC. A complement of this color would be 241, 156, 208, and the grayscale version is 210, 210, 210.

A 20% lighter version of the original color is 213, 237, 255, and 101, 159, 184 is the 20% darker color. If you saturate the color by 10%, you get 132, 210, 241, and if you desaturate by 10%, it is 180, 224, 241.

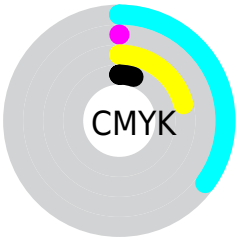
Distribution



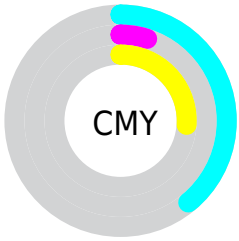
- Red (61%)
- Green (95%)
- Blue (74%)



- Red (61%)
- Yellow (85%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (39%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 217, 241 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, 217, 241 by changing the saturation by 10% instead.

156, 217, 241

255, 255, 255

213, 237, 255

242, 249, 255

156, 217, 241

128, 188, 212

101, 159, 184

74, 131, 157

46, 104, 131

9, 70, 105

0, 53, 80

0, 42, 56

0, 36, 36

0, 0, 0

156, 217, 241

132, 210, 241

108, 204, 241

84, 197, 241

60, 190, 241

36, 183, 241

11, 176, 241

0, 173, 241

156, 217, 241

180, 224, 241

204, 230, 241

228, 237, 241

252, 241, 248

255, 241, 255

Harmonies

Analogous

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

159, 234, 192

156, 217, 241

112, 182, 244

Triad

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

156, 217, 241

181, 208, 255

255, 203, 181

Complementary

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

156, 217, 241

241, 156, 208

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, 194, 218

156, 217, 241

237, 211, 255

Square

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

156, 217, 241

123, 184, 255

255, 199, 255

235, 255, 154

Rectangle

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

156, 217, 241

92, 170, 254

255, 199, 255

255, 196, 192

Sweetspot

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

156, 217, 241

227, 247, 255

156, 241, 189

111, 124, 128

0, 0, 0

128, 128, 128

Same Dimension

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

156, 217, 241

148, 225, 255

156, 201, 241

108, 116, 120

0, 132, 184

0, 40, 56

Inverse Universe

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

241, 156, 208

255, 148, 213

241, 156, 166

120, 108, 115

184, 0, 111

56, 0, 34

Previews

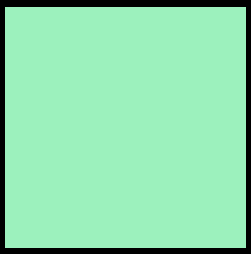
White Background

This preview shows how the RYB color 156, 217, 241 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



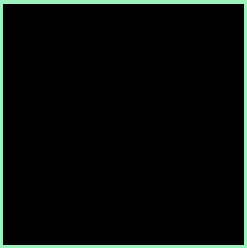
This preview shows how the RYB color 156, 217, 241 looks on a black background.

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, 217, 241 Background



This preview shows how black text looks on a background with the RYB color 156, 217, 241.

This preview shows how white text looks on a background with the RYB color 156, 217, 241.

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, 217, 241

Protanopia
199, 235, 180

Deuteranopia
253, 223, 195

Tritanopia
169, 205, 251

Trichromacy

Original Color
156, 217, 241

Protanomaly
183, 228, 205

Deuteranomaly
193, 224, 199

Tritanomaly
164, 202, 236

Monochromacy

Original Color
156, 217, 241

Achromatopsia
210, 210, 210

Achromatomaly
190, 212, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 217, 241 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, 241, 189) looks like.

```
.text, #text, p{
    color:rgb(156, 241, 189)
}
```

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, 241, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 241, 189) }
```

Border

The CSS property to change the border of an element to RYB 156, 217, 241 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, 241, 189) }
```

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

```
.border{ border-color:rgb(156, 241, 189) }
```

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

Here you see how a box with a 4 pixel rgb(156, 241, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 241, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 241, 189); box-shadow:4px 4px 4px 4px rgb(156, 241, 189) }
```

Background

The CSS property to change the background color of an element to RYB 156, 217, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(156, 241, 189) }
```

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

```
.background{ background-color:rgb(156,
241, 189) }
```

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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