

Converting Colors

`RYB(67, 167, 239)`

Have a look what the booklet for
RYB(67, 167, 239) contains.

RYB(67, 167, 239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(67, 167, 239)

Conversions

Conversions Part 1

Format	Color
Hex	43EFBF
RGB	67, 239, 191
RGB Percent	26%, 94%, 75%
CMY	0.7373, 0.0627, 0.2516
CMYK	0.72, 0.00, 0.20, 0.06
HSL	163°, 84%, 60%
HSV	163°, 72%, 94%
XYZ	42.5676, 66.6808, 59.8251
YIQ	182.1000, -87.1040, -51.3920

Conversions

Conversions Part 2

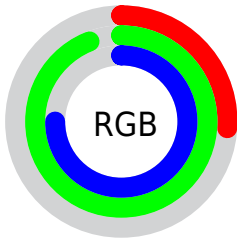
Format	Color
RYB	67, 167, 239
Decimal	4452287
CIELab	85.34, -54.28, 10.92
CIElCh	85, 55.363, 168.625
Yxy	66.6808, 0.2518, 0.3944
Android (android.graphics.Color)	4282642367 (0xFF43EFBF)
YUV	182.1000, 4.3877, -100.9427
Hunter-Lab	81.6583, -49.8520, 13.7234

Details

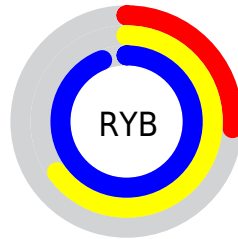
The RYB color **67, 167, 239** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **239, 67, 115**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **137, 198, 255**, and **0, 104, 182** is the 20% darker color. If you saturate the color by 10%, you get **43, 157, 239**, and if you desaturate by 10%, it is **91, 177, 239**.

Distribution



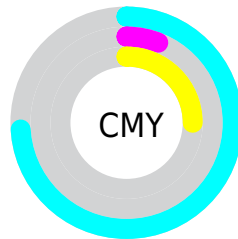
- Red (26%)
- Green (94%)
- Blue (75%)



- Red (26%)
- Yellow (65%)
- Blue (94%)



- Cyan (72%)
- Magenta (0%)
- Yellow (20%)
- Black (6%)



















- Cyan (74%)
- Magenta (6%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 67, 167, 239 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 67, 167, 239 by changing the saturation by 10% instead.

 67, 167, 239	 67, 167, 239
 255, 255, 255	 0, 118, 210
 137, 198, 255	 0, 104, 182
 168, 212, 255	 0, 89, 154
 200, 228, 255	 0, 75, 127
 231, 243, 255	 0, 62, 101
	 0, 49, 76
	 0, 37, 52
	 0, 27, 27
	 0, 0, 0

■ 67, 167, 239

■ 67, 167, 239

■ 43, 157, 239

■ 91, 177, 239

■ 19, 147, 239

■ 115, 187, 239

■ 0, 139, 239

■ 139, 197, 239

■ 163, 207, 239

■ 186, 217, 239

■ 210, 227, 239

■ 234, 237, 239

■ 255, 239, 244

■ 255, 239, 251

Harmonies

Analogous

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



142, 232, 221



67, 167, 239



0, 121, 245

Triad

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



67, 167, 239



186, 202, 255



255, 218, 137

Complementary

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



67, 167, 239



239, 67, 115

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, 171, 183



67, 167, 239



255, 187, 255

Square

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



67, 167, 239



71, 155, 255



255, 172, 235



190, 255, 109

Rectangle

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



67, 167, 239



0, 123, 255



255, 172, 235



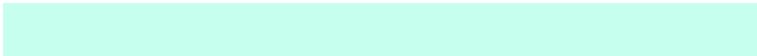
255, 190, 150

Sweetspot

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



67, 167, 239



199, 232, 255



67, 239, 190



94, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



67, 167, 239



36, 163, 255



67, 143, 239



108, 115, 120



0, 107, 184



0, 33, 56

Inverse Universe

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



239, 67, 115



255, 36, 97



239, 114, 67



120, 108, 111



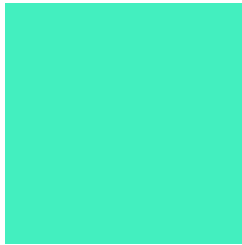
184, 0, 51



56, 0, 16

Previews

White Background



This preview shows how the RYB color 67, 167, 239 looks on a white background.

Color Contrast Check

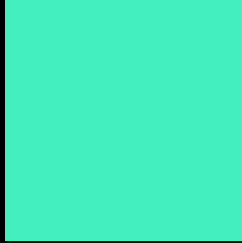
Large Text (above 18pt) WCAG AA × Fail

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 67, 167, 239 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 67, 167, 239 Background



This preview shows how black text looks on a background with the RYB color 67, 167, 239.

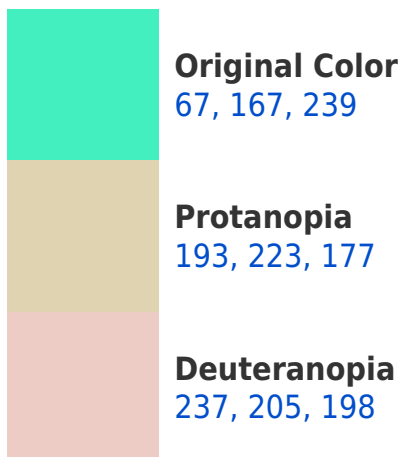


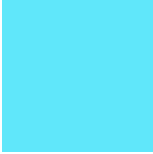
This preview shows how white text looks on a background with the RYB color 67, 167, 239.

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
96, 168, 250

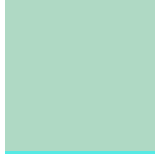
Trichromacy



Original Color
67, 167, 239



Protanomaly
166, 209, 221



Deuteranomaly
175, 203, 217

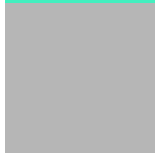


Tritanomaly
85, 161, 234

Monochromacy



Original Color
67, 167, 239



Achromatopsia
182, 182, 182



Achromatomaly
140, 177, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 67, 167, 239 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(67, 239, 191)` looks like.

```
.text, #text, p{  
    color:rgb(67, 239, 191)  
}
```

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(67, 239, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 239, 191) }
```

Border

The CSS property to change the border of an element to RYB 67, 167, 239 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(67, 239, 191) }
```

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

```
.border{ border-color:rgb(67, 239, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 239, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 239, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 239, 191); box-shadow:4px 4px 4px 4px rgb(67, 239, 191) }
```

Background

The CSS property to change the background color of an element to RGB 67, 167, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 239, 191) }
```

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

```
.background{ background-color: rgb(67, 239,  
191) }
```

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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