

Converting Colors

`RYB(89, 192, 225)`

Have a look what the booklet for
RYB(89, 192, 225) contains.

RYB(89, 192, 225)	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

R_YB(89, 192, 225)

Conversions

Conversions Part 1

Format	Color
Hex	59E185
RGB	89, 225, 133
RGB Percent	35%, 88%, 52%
CMY	0.6510, 0.1176, 0.4801
CMYK	0.60, 0.00, 0.41, 0.12
HSL	139°, 69%, 62%
HSV	139°, 60%, 88%
XYZ	35.2492, 57.6559, 31.3068
YIQ	173.8480, -51.5240, -57.4440

Conversions

Conversions Part 2

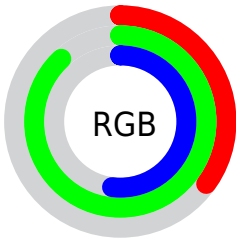
Format	Color
RYB	89, 192, 225
Decimal	5890437
CIELab	80.55, -56.92, 34.46
CIELCh	81, 66.537, 148.812
Yxy	57.6559, 0.2838, 0.4642
Android (android.graphics.Color)	4284080517 (0xFF59E185)
YUV	173.8480, -20.1381, -74.4117
Hunter-Lab	75.9315, -50.0162, 28.7066

Details

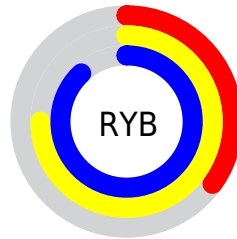
The RYB color **89, 192, 225** is a light color, and the websafe version is hex **33CC66**. The color can be described as light muted spring green. A complement of this color would be **225, 89, 181**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **150, 228, 255**, and **0, 114, 169** is the 20% darker color. If you saturate the color by 10%, you get **67, 187, 225**, and if you desaturate by 10%, it is **111, 197, 225**.

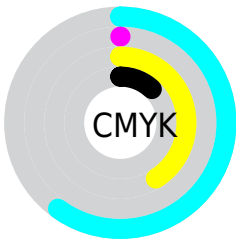
Distribution



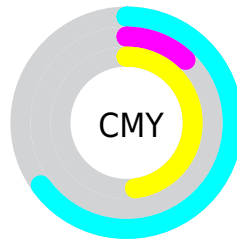
- Red (35%)
- Green (88%)
- Blue (52%)



- Red (35%)
- Yellow (75%)
- Blue (88%)



- Cyan (60%)
- Magenta (0%)
- Yellow (41%)
- Black (12%)

















- Cyan (65%)
- Magenta (12%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the RYB color 89, 192, 225 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 89, 192, 225 by changing the saturation by 10% instead.


 89, 192, 225	 89, 192, 225
 255, 255, 255	 54, 157, 196
 150, 228, 255	 0, 114, 169
 180, 231, 255	 0, 100, 141
 210, 236, 255	 0, 89, 115
 240, 248, 255	 0, 83, 89
	 0, 64, 64
	 0, 41, 41
	 0, 4, 4
	 0, 0, 0

 89, 192, 225


 89, 192, 225

 67, 187, 225

 111, 197, 225

 44, 181, 225

 134, 203, 225

 22, 176, 225

 157, 209, 225

 0, 170, 225

 179, 214, 225

 202, 220, 225

 224, 225, 225

 247, 225, 240

 255, 225, 255

Harmonies

Analogous

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



84, 214, 124



89, 192, 225



0, 124, 230

Triad

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



89, 192, 225



31, 130, 255



255, 151, 144

Complementary

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



89, 192, 225



225, 89, 181

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, 144, 205



89, 192, 225



198, 185, 255

Square

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



89, 192, 225



0, 119, 255



255, 159, 255



255, 247, 93

Rectangle

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



89, 192, 225



0, 117, 238



255, 159, 255



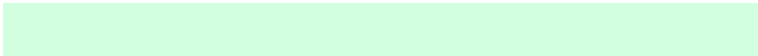
255, 146, 163

Sweetspot

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



89, 192, 225



209, 244, 255



89, 225, 132



99, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



89, 192, 225



69, 210, 255



89, 164, 225



101, 109, 112



0, 134, 176



0, 36, 48

Inverse Universe

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



225, 89, 181



255, 69, 195



225, 89, 114



112, 101, 109



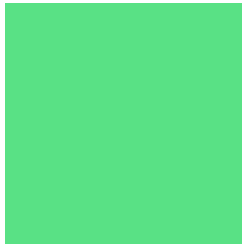
176, 0, 120



48, 0, 33

Previews

White Background



This preview shows how the RYB color 89, 192, 225 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 89, 192, 225 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](#).

R Y B 89, 192, 225 Background



This preview shows how black text looks on a background with the RYB color 89, 192, 225.

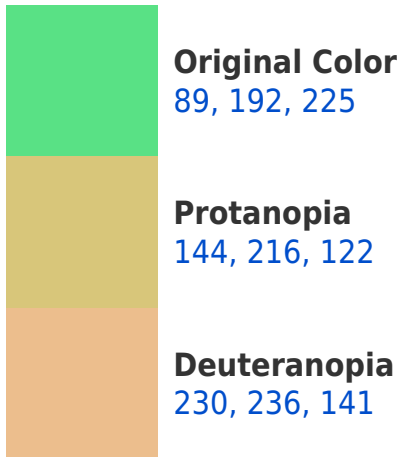


This preview shows how white text looks on a background with the RYB color 89, 192, 225.

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



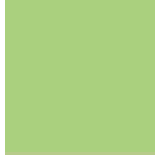


Tritanopia
117, 169, 231

Trichromacy



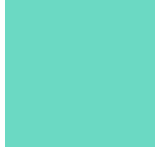
Original Color
89, 192, 225



Protanomaly
126, 208, 164



Deuteranomaly
138, 203, 158



Tritanomaly
107, 168, 217

Monochromacy



Original Color
89, 192, 225



Achromatopsia
174, 174, 174



Achromatomaly
143, 181, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 89, 192, 225 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(89, 225, 133)` looks like.

```
.text, #text, p{  
    color:rgb(89, 225, 133)  
}
```

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(89, 225, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 225, 133) }
```

Border

The CSS property to change the border of an element to RYB 89, 192, 225 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(89, 225, 133) }
```

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

```
.border{ border-color:rgb(89, 225, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 225, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 225, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 225, 133);  
box-shadow:4px 4px 4px 4px rgb(89, 225,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 89, 192, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 225, 133) }
```

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

```
.background{ background-color: rgb(89, 225,  
133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor