

Converting Colors

`RYB(97, 179, 209)`

Have a look what the booklet for
RYB(97, 179, 209) contains.

RYB(97, 179, 209)	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(97, 179, 209)

Conversions

Conversions Part 1

Format	Color
Hex	61D18A
RGB	97, 209, 138
RGB Percent	38%, 82%, 54%
CMY	0.6196, 0.1804, 0.4589
CMYK	0.54, 0.00, 0.34, 0.18
HSL	142°, 55%, 60%
HSV	142°, 54%, 82%
XYZ	32.3159, 49.9766, 31.9787
YIQ	167.4180, -43.9610, -45.8250

Conversions

Conversions Part 2

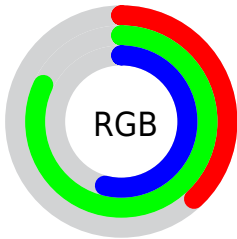
Format	Color
RYB	97, 179, 209
Decimal	6410634
CIELab	76.05, -47.81, 25.77
CIELCh	76, 54.316, 151.673
Yxy	49.9766, 0.2828, 0.4374
Android (android.graphics.Color)	4284600714 (0xFF61D18A)
YUV	167.4180, -14.5031, -61.7566
Hunter-Lab	70.6941, -42.1183, 22.6659

Details

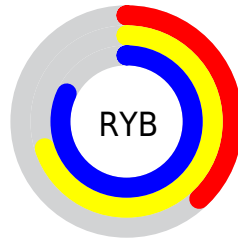
The RYB color **97, 179, 209** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **209, 97, 168**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **155, 228, 255**, and **31, 116, 154** is the 20% darker color. If you saturate the color by 10%, you get **76, 173, 209**, and if you desaturate by 10%, it is **118, 185, 209**.

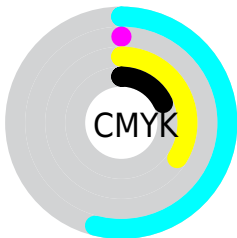
Distribution



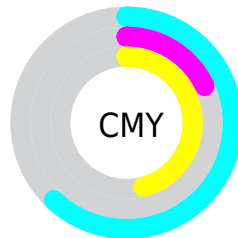
- Red (38%)
- Green (82%)
- Blue (54%)



- Red (38%)
- Yellow (70%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)





- Cyan (62%)
- Magenta (18%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the RYB color 97, 179, 209 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 97, 179, 209 by changing the saturation by 10% instead.


 97, 179, 209

 97, 179, 209

255, 255, 255

 67, 149, 181

 155, 228, 255

 31, 116, 154

 184, 231, 255

 0, 85, 127

 213, 236, 255

 0, 72, 101


 243, 249, 255


 0, 61, 76

 0, 52, 52

 0, 29, 29

 0, 0, 0

 97, 179, 209

 97, 179, 209

■ 76, 173, 209

■ 118, 185, 209

■ 55, 168, 209

■ 139, 191, 209

■ 34, 162, 209

■ 160, 196, 209

■ 13, 156, 209

■ 181, 202, 209

■ 0, 153, 209

■ 202, 207, 209

■ 222, 209, 217

■ 243, 209, 231

■ 255, 209, 244

■ 255, 209, 255

Harmonies

Analogous

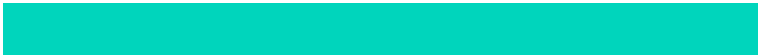
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99, 200, 136



97, 179, 209



0, 113, 213

Triad

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



97, 179, 209



102, 159, 255



255, 153, 138

Complementary

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



97, 179, 209



209, 97, 168

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, 145, 187



97, 179, 209



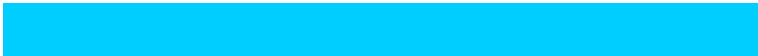
195, 173, 255

Square

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



97, 179, 209



0, 114, 255



252, 155, 236



255, 221, 100

Rectangle

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



97, 179, 209



0, 109, 223



252, 155, 236



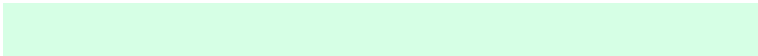
255, 147, 153

Sweetspot

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



97, 179, 209



214, 244, 255



97, 209, 136



103, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



97, 179, 209



92, 211, 255



97, 158, 209



94, 102, 105



0, 123, 168



0, 30, 41

Inverse Universe

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



209, 97, 168



255, 92, 195



209, 97, 114



105, 94, 101



168, 0, 107



41, 0, 26

Previews

White Background



This preview shows how the RYB color 97, 179, 209 looks on a white background.

Color Contrast Check

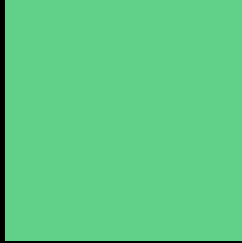
Large Text (above 18pt) WCAG AA × Fail

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 97, 179, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

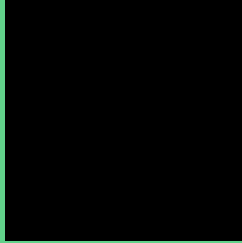
Any Text WCAG AA ✓ Pass

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 97, 179, 209 Background



This preview shows how black text looks on a background with the RYB color 97, 179, 209.

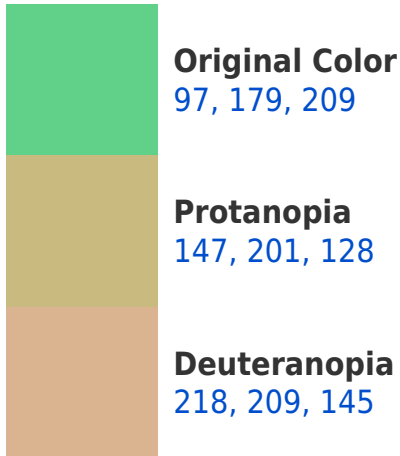


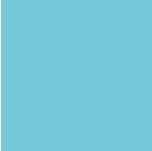
This preview shows how white text looks on a background with the RYB color 97, 179, 209.

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
118, 162, 215

Trichromacy



Original Color

97, 179, 209



Protanomaly

132, 194, 163



Deuteranomaly

142, 190, 158



Tritanomaly

110, 161, 203

Monochromacy



Original Color

97, 179, 209



Achromatopsia

167, 167, 167



Achromatomaly

142, 172, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 179, 209 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(97, 209, 138)` looks like.

```
.text, #text, p{  
    color:rgb(97, 209, 138)  
}
```

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(97, 209, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 209, 138) }
```

Border

The CSS property to change the border of an element to RYB 97, 179, 209 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(97, 209, 138) }
```

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

```
.border{ border-color:rgb(97, 209, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 209, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 209, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 209, 138);  
box-shadow:4px 4px 4px 4px rgb(97, 209,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 97, 179, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 209, 138) }
```

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

```
.background{ background-color: rgb(97, 209,  
138) }
```

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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