

Converting Colors

`RYB(97, 155, 209)`

Have a look what the booklet for
RYB(97, 155, 209) contains.

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Color

RYB(97, 155, 209)

Conversions

Conversions Part 1

Format	Color
Hex	61D1C9
RGB	97, 209, 201
RGB Percent	38%, 82%, 79%
CMY	0.6196, 0.1804, 0.2107
CMYK	0.54, 0.00, 0.04, 0.18
HSL	176°, 55%, 60%
HSV	176°, 54%, 82%
XYZ	38.3053, 52.3724, 63.5186
YIQ	174.6000, -64.1840, -26.2320

Conversions

Conversions Part 2

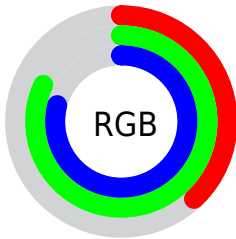
Format	Color
RYB	97, 155, 209
Decimal	6410697
CIELab	77.50, -33.70, -5.90
CIElCh	78, 34.216, 189.931
Yxy	52.3724, 0.2484, 0.3396
Android (android.graphics.Color)	4284600777 (0xFF61D1C9)
YUV	174.6000, 13.0152, -68.0552
Hunter-Lab	72.3687, -32.1639, -1.3812

Details

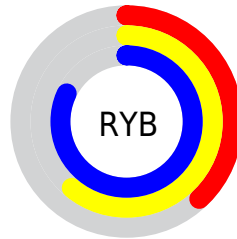
The RYB color **97, 155, 209** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **209, 97, 105**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **156, 206, 255**, and **25, 91, 154** is the 20% darker color. If you saturate the color by 10%, you get **76, 145, 209**, and if you desaturate by 10%, it is **118, 165, 209**.

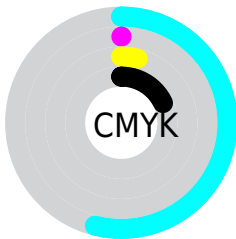
Distribution



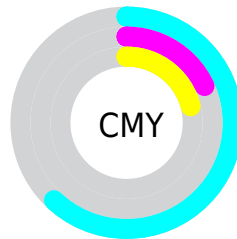
- Red (38%)
- Green (82%)
- Blue (79%)



- Red (38%)
- Yellow (61%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



















- Cyan (62%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 155, 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, 155, 209 by changing the saturation by 10% instead.

 97, 155, 209	 97, 155, 209
 255, 255, 255	 65, 125, 181
 156, 206, 255	 25, 91, 154
 186, 221, 255	 0, 66, 128
 215, 235, 255	 0, 52, 102
 245, 250, 255	 0, 40, 77
	 0, 28, 54
	 0, 18, 34
	 0, 0, 4
	 0, 0, 0

■ 97, 155, 209

■ 97, 155, 209

■ 76, 145, 209

■ 118, 165, 209

■ 55, 135, 209

■ 139, 175, 209

■ 34, 125, 209

■ 160, 185, 209

■ 13, 114, 209

■ 181, 196, 209

■ 0, 108, 209

■ 202, 206, 209

■ 222, 209, 210

■ 243, 209, 211

■ 255, 209, 213

■ 255, 209, 214

Harmonies

Analogous

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



131, 182, 207



97, 155, 209



87, 152, 231

Triad

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



97, 155, 209



209, 180, 240



232, 230, 133

Complementary

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



97, 155, 209



209, 97, 105

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.



251, 177, 152



97, 155, 209



240, 170, 214

Square

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



97, 155, 209



165, 185, 254



254, 168, 182



141, 203, 129

Rectangle

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



97, 155, 209



104, 162, 245



254, 168, 182



240, 207, 138

Sweetspot

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



97, 155, 209



214, 235, 255



97, 209, 200



103, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



97, 155, 209



92, 176, 255



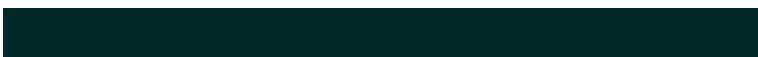
97, 138, 209



94, 100, 105



0, 87, 168



0, 21, 41

Inverse Universe

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



209, 97, 105



255, 92, 103



209, 178, 97



105, 94, 95



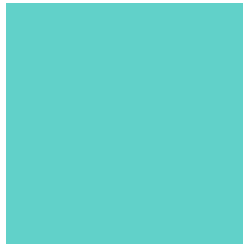
168, 0, 12



41, 0, 3

Previews

White Background



This preview shows how the RYB color 97, 155, 209 looks on a white background.

Color Contrast Check

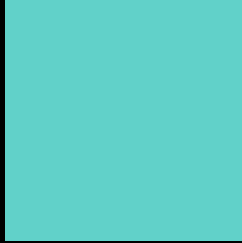
Large Text (above 18pt) WCAG AA × Fail

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, 155, 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

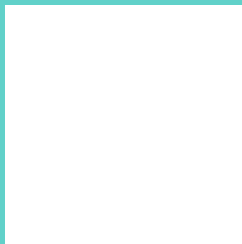
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 97, 155, 209 Background



This preview shows how black text looks on a background with the RYB color 97, 155, 209.

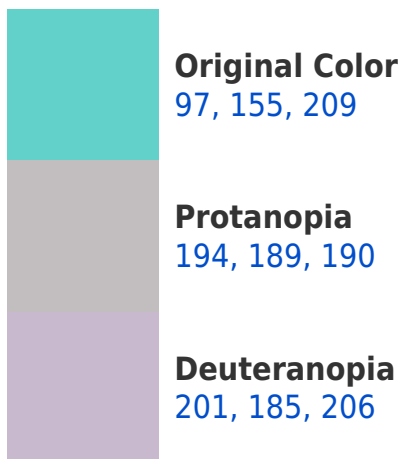


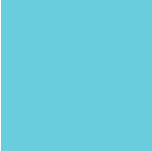
This preview shows how white text looks on a background with the RYB color 97, 155, 209.

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
105, 159, 222

Trichromacy



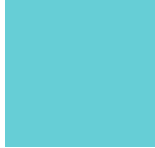
Original Color
97, 155, 209



Protanomaly
159, 178, 196



Deuteranomaly
163, 181, 204

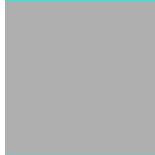


Tritanomaly
102, 156, 214

Monochromacy



Original Color
97, 155, 209



Achromatopsia
175, 175, 175



Achromatomaly
147, 168, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 155, 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(97, 209, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 209, 201) }
```

Border

The CSS property to change the border of an element to RYB 97, 155, 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, 201) }
```

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

```
.border{ border-color:rgb(97, 209, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(97, 209,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 97, 155, 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, 201) }
```

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

```
.background{ background-color: rgb(97, 209,  
201) }
```

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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