

Converting Colors

`RYB(97, 147, 200)`

Have a look what the booklet for
RYB(97, 147, 200) contains.

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Color

$\text{RYB}(97, 147, 200)$

Conversions

Conversions Part 1

Format	Color
Hex	61C2C8
RGB	97, 194, 200
RGB Percent	38%, 76%, 78%
CMY	0.6196, 0.2385, 0.2157
CMYK	0.52, 0.03, 0.00, 0.22
HSL	183°, 48%, 58%
HSV	183°, 52%, 78%
XYZ	34.6847, 45.3707, 61.5729
YIQ	165.6810, -59.7380, -18.6980

Conversions

Conversions Part 2

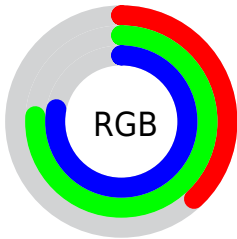
Format	Color
RYB	97, 147, 200
Decimal	6406856
CIELab	73.14, -26.90, -11.71
CIElCh	73, 29.338, 203.519
Yxy	45.3707, 0.2449, 0.3204
Android (android.graphics.Color)	4284596936 (0xFF61C2C8)
YUV	165.6810, 16.9193, -60.2332
Hunter-Lab	67.3578, -25.9607, -7.0476

Details

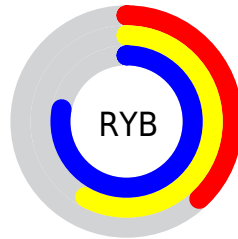
The RYB color **97, 147, 200** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **200, 103, 97**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **155, 204, 255**, and **30, 86, 146** is the 20% darker color. If you saturate the color by 10%, you get **77, 137, 200**, and if you desaturate by 10%, it is **117, 157, 200**.

Distribution



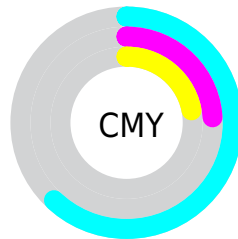
- Red (38%)
- Green (76%)
- Blue (78%)



- Red (38%)
- Yellow (58%)
- Blue (78%)



- Cyan (52%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)




- Cyan (62%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 147, 200 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, 147, 200 by changing the saturation by 10% instead.

 97, 147, 200


255, 255, 255


 155, 204, 255


 184, 220, 255

 213, 234, 255

 243, 249, 255

 97, 147, 200

 67, 118, 173


 30, 86, 146

 0, 58, 120


 0, 46, 96


 0, 34, 72

 0, 23, 50

 0, 12, 29

 0, 0, 0

 97, 147, 200

 97, 147, 200

■ 77, 137, 200

■ 117, 157, 200

■ 57, 126, 200

■ 137, 167, 200

■ 37, 116, 200

■ 157, 178, 200

■ 17, 106, 200

■ 177, 188, 200

■ 0, 97, 200

■ 197, 199, 200

■ 217, 201, 200

■ 237, 202, 200

■ 255, 203, 200

■ 255, 204, 200

Harmonies

Analogous

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



116, 161, 194



97, 147, 200



105, 155, 222

Triad

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



97, 147, 200



208, 166, 212



170, 204, 126

Complementary

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



97, 147, 200



200, 103, 97

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.



225, 183, 137



97, 147, 200



229, 160, 187

Square

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



97, 147, 200



176, 175, 229



234, 161, 159



130, 184, 137

Rectangle

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



97, 147, 200



124, 163, 230



234, 161, 159



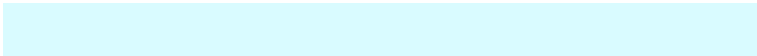
203, 212, 129

Sweetspot

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



97, 147, 200



217, 235, 255



97, 195, 200



105, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



97, 147, 200



97, 174, 255



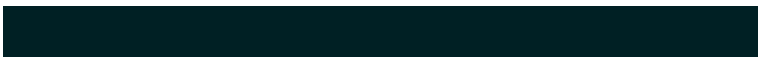
97, 129, 200



90, 95, 99



0, 79, 163



0, 17, 36

Inverse Universe

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



200, 97, 194



255, 97, 246



180, 200, 97



99, 90, 99



163, 0, 154



36, 0, 34

Previews

White Background



This preview shows how the RYB color 97, 147, 200 looks on a white background.

Color Contrast Check

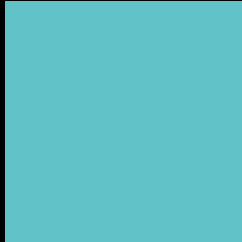
Large Text (above 18pt) WCAG AA × Fail

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, 147, 200 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](#).

RYP 97, 147, 200 Background



This preview shows how black text looks on a background with the RYP color 97, 147, 200.

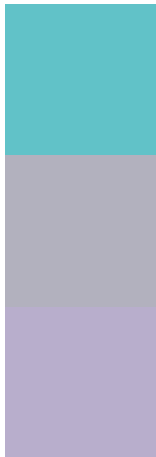


This preview shows how white text looks on a background with the RYP color 97, 147, 200.

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
97, 147, 200

Protanopia
178, 177, 190

Deuteranopia
184, 174, 204



Tritanopia
100, 150, 208

Trichromacy



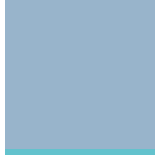
Original Color

97, 147, 200



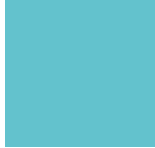
Protanomaly

149, 168, 194



Deuteranomaly

152, 170, 203



Tritanomaly

99, 149, 205

Monochromacy



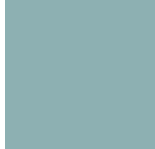
Original Color

97, 147, 200



Achromatopsia

166, 166, 166



Achromatomaly

141, 159, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 147, 200 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, 194, 200)` looks like.

```
.text, #text, p{  
    color:rgb(97, 194, 200)  
}
```

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, 194, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 194, 200) }
```

Border

The CSS property to change the border of an element to RYB 97, 147, 200 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, 194, 200) }
```

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

```
.border{ border-color:rgb(97, 194, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 194, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 194, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 194, 200);  
box-shadow:4px 4px 4px 4px rgb(97, 194,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 97, 147, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 194, 200) }
```

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

```
.background{ background-color: rgb(97, 194,  
200) }
```

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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