

# Converting Colors

CIELCh(71, 10.179, 192.428)

Have a look what the booklet for  
CIELCh(71, 10.179, 192.428)  
contains.

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# Color

**CIELCh(71, 10.179, 192.428)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97B3B1
RGB	151, 179, 177
RGB Percent	59%, 70%, 69%
CMY	0.4064, 0.2966, 0.3045
CMYK	0.16, 0.00, 0.01, 0.30
HSL	176°, 16%, 65%
HSV	176°, 16%, 70%
XYZ	36.9930, 42.1875, 47.9771
YIQ	170.4000, -16.0460, -6.5580

# Conversions

## Conversions Part 2

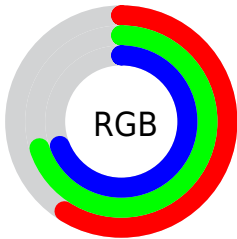
Format	Color
<a href="#">RYB</a>	<a href="#">151, 166, 179</a>
Decimal	<a href="#">9941937</a>
CIELab	<a href="#">71.00, -9.94, -2.19</a>
CIELCh	<a href="#">71, 10.179, 192.428</a>
Yxy	<a href="#">42.1875, 0.2909, 0.3318</a>
Android (android.graphics.Color)	<a href="#">4288132017 (0xFF97B3B1)</a>
YUV	<a href="#">170.4000, 3.2538, -17.0138</a>
Hunter-Lab	<a href="#">64.9519, -12.0022, 1.6714</a>

# Details

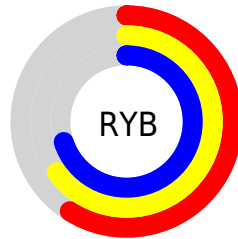
The CIELCh color **71, 10.179, 192.428** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 11.095, 14.729**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 10.086, 192.866**, and **51, 9.983, 191.634** is the 20% darker color. If you saturate the color by 10%, you get **70, 16.249, 191.699**, and if you desaturate by 10%, it is **72, 3.740, 193.211**.

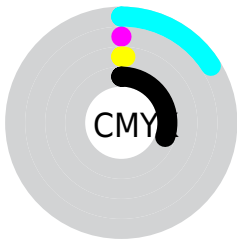
# Distribution



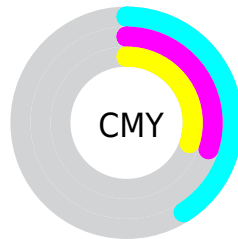
- Red (59%)
- Green (70%)
- Blue (69%)



- Red (59%)
- Yellow (65%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)




- Cyan (41%)
- Magenta (30%)
- Yellow (30%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 10.179, 192.428 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 CIELCh color 71, 10.179, 192.428 by changing the saturation by 10% instead.





 71, 10.179,  
192.428


 71, 10.179,  
192.428


 100, 10.179,  
192.428


 61, 10.179,  
192.428


 91, 10.179,  
192.428


 51, 10.179,  
192.428

 41, 10.179,  
192.428

 31, 10.179,  
192.428

 21, 10.179,  
192.428

 11, 10.179,  
192.428

 1, 10.179, 192.428

0, 10.179, 192.428

71, 10.179,  
192.428

71, 10.179,  
192.428

70, 16.249,  
191.699

72, 3.740, 193.211

74, 2.972, 13.618

69, 21.840,  
190.990

75, 9.868, 14.444

68, 26.843,  
190.282

77, 16.875, 15.171

67, 31.160,  
189.569

79, 23.932, 15.883

80, 29.427, 16.139

67, 34.711,  
188.840

80, 29.419, 14.830

66, 37.452,  
188.083

80, 29.428, 13.523

■ 66, 39.385,  
187.283

■ 80, 29.453, 12.216

■ 66, 40.575,  
186.425

■ 66, 40.984,  
186.043

# Harmonies

# Complementary

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



71, 10.179, 192.428



65, 11.095, 14.729

# Rectangle

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



71, 10.179, 192.428



71, 10.179, 242.428



71, 10.179, 12.428



71, 10.179, 62.428

# Sweetspot

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



71, 10.180, 192.421



91, 4.109, 193.263



71, 18.222, 141.339



49, 2.822, 193.196



96, 0.011, 296.813



49, 0.007, 296.813





# Same Dimension

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



71, 10.180, 192.421



89, 15.128, 192.151



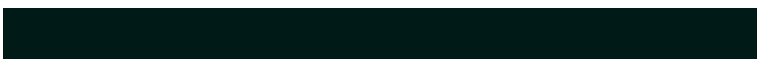
68, 8.579, 247.836



37, 3.730, 192.897



57, 36.416, 186.163



7, 9.285, 190.577



# Inverse Universe

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



65, 11.095, 14.729



80, 16.853, 15.111



68, 9.114, 64.219



35, 3.922, 14.126



31, 68.320, 36.578



2, 9.195, 14.817



# Previews

## White Background



This preview shows how the CIELCh color 71, 10.179, 192.428 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 CIELCh color 71, 10.179, 192.428 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

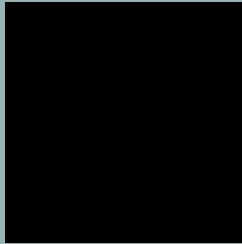
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

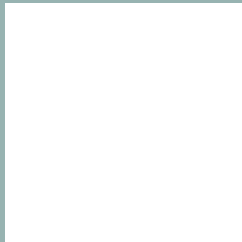
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 71, 10.179, 192.428

## Background



This preview shows how black text looks on a background with the CIELCh color 71, 10.179, 192.428.

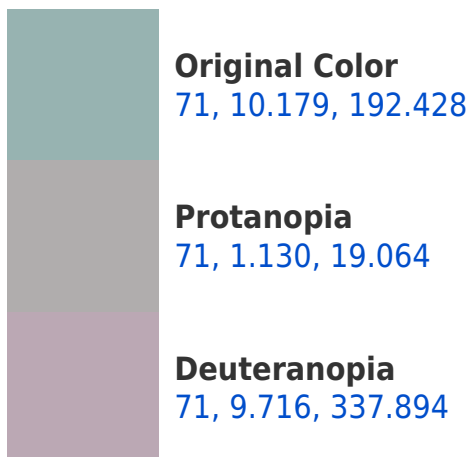


This preview shows how white text looks on a background with the CIELCh color 71, 10.179, 192.428.

# 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**  
71, 10.929, 243.538

# Trichromacy



**Original Color**  
71, 10.179, 192.428

**Protanomaly**  
71, 2.964, 199.325

**Deuteranomaly**  
71, 3.913, 301.480

**Tritanomaly**  
71, 9.749, 225.534

# Monochromacy



**Original Color**  
71, 10.179, 192.428

**Achromatopsia**  
70, 0.009, 296.813

**Achromatomaly**  
70, 3.757, 190.841

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 71, 10.179, 192.428 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(151, 179, 177)` looks like.

```
.text, #text, p{  
    color:rgb(151, 179, 177)  
}
```

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(151, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 179, 177) }
```

## Border

The CSS property to change the border of an element to CIELCh 71, 10.179, 192.428 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(151, 179, 177) }
```

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

```
.border{ border-color:rgb(151, 179, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 179, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(151, 179,  
177) }
```

# Background

The CSS property to change the background color of an element to CIELCh 71, 10.179, 192.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 179, 177) }
```

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

```
.background{ background-color: rgb(151,  
179, 177) }
```

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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