

Converting Colors

CIELCh(73, 13.393, 179.393)

Have a look what the booklet for
CIELCh(73, 13.393, 179.393)
contains.

CIELCh(73, 13.411, 179.400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 13.411, 179.400)

Conversions

Conversions Part 1

Format	Color
Hex	97BAB2
RGB	151, 186, 178
RGB Percent	59%, 73%, 70%
CMY	0.4061, 0.2688, 0.3002
CMYK	0.19, 0.00, 0.04, 0.27
HSL	166°, 20%, 66%
HSV	166°, 19%, 73%
XYZ	38.5811, 45.1644, 49.0414
YIQ	174.6230, -18.2920, -9.9080

Conversions

Conversions Part 2

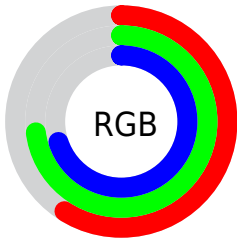
Format	Color
RYB	151, 171, 186
Decimal	9943730
CIELab	73.00, -13.41, 0.14
CIElCh	73, 13.411, 179.400
Yxy	45.1644, 0.2905, 0.3401
Android (android.graphics.Color)	4288133810 (0xFF97BAB2)
YUV	174.6230, 1.6649, -20.7174
Hunter-Lab	67.2044, -15.1336, 3.7771

Details

The CIELCh color **73, 13.411, 179.400** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 14.362, 2.954**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 13.157, 180.242**, and **53, 13.765, 178.284** is the 20% darker color. If you saturate the color by 10%, you get **72, 20.178, 178.383**, and if you desaturate by 10%, it is **74, 6.353, 180.376**.

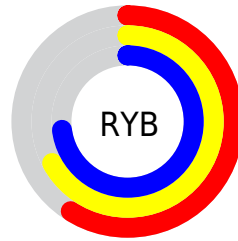
Distribution



Red (59%)

Green (73%)

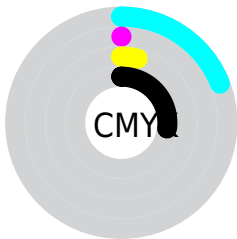
Blue (70%)



Red (59%)

Yellow (67%)

Blue (73%)

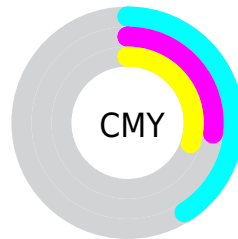


Cyan (19%)

Magenta (0%)

Yellow (4%)

Black (27%)



Cyan (41%)


Magenta (27%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 13.411, 179.400 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 73, 13.411, 179.400 by changing the saturation by 10% instead.

 73, 13.411,
179.400


 73, 13.411,
179.400


 100, 13.411,
179.400


 63, 13.411,
179.400


 93, 13.411,
179.400


 53, 13.411,
179.400

 43, 13.411,
179.400

 33, 13.411,
179.400

 23, 13.411,
179.400

 13, 13.411,
179.400

 3, 13.411, 179.400

0, 13.411, 179.400

73, 13.411,
179.400

73, 13.411,
179.400

72, 20.178,
178.383

74, 6.353, 180.376

71, 26.533,
177.303

76, 0.896, 0.663

78, 8.243, 1.987

70, 32.358,
176.135

79, 15.617, 2.830

69, 37.537,
174.859

81, 22.961, 3.623

82, 27.227, 2.009

69, 41.981,
173.449

82, 27.869,
357.584

68, 45.636,
171.884

83, 28.681,

■ 68, 48.506,
170.143

353.397

■ 68, 50.725,
168.253

■ 83, 29.649,
349.475

■ 68, 50.985,
168.026

Harmonies

Complementary

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



73, 13.411, 179.400



66, 14.362, 2.954

Rectangle

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



73, 13.411, 179.400



73, 13.411, 229.400



73, 13.411, 359.400



73, 13.411, 49.400

Sweetspot

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



73, 13.412, 179.395



94, 5.384, 180.653



73, 21.595, 136.927



51, 3.598, 180.583



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 13.412, 179.395



92, 20.161, 178.937



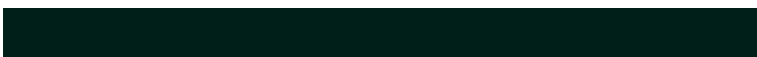
71, 10.254, 228.776



39, 4.138, 180.318



58, 44.965, 168.295



9, 13.441, 173.804

Inverse Universe

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



66, 14.362, 2.954



81, 21.980, 3.518



68, 11.479, 46.530



37, 4.280, 1.901



33, 63.477, 26.487



3, 12.609, 6.474

Previews

White Background



This preview shows how the CIELCh color 73, 13.411, 179.400 looks on a white background.

Color Contrast Check

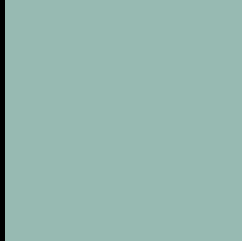
Large Text (above 18pt) WCAG AA × Fail

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 73, 13.411, 179.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

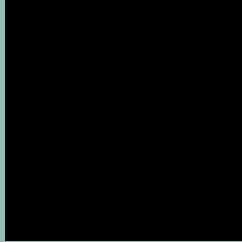
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

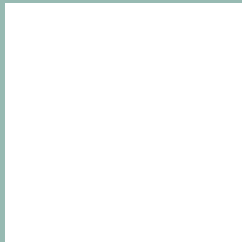
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 13.411, 179.400

Background



This preview shows how black text looks on a background with the CIELCh color 73, 13.411, 179.400.



This preview shows how white text looks on a background with the CIELCh color 73, 13.411, 179.400.

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
73, 13.411, 179.400

Protanopia
73, 2.859, 68.492

Deuteranopia
73, 9.382, 352.711



Tritanopia
73, 12.427, 240.007

Trichromacy



Original Color
73, 13.411, 179.400

Protanomaly
73, 4.335, 160.474

Deuteranomaly
73, 1.161, 309.022

Tritanomaly
73, 11.065, 218.861

Monochromacy



Original Color
73, 13.411, 179.400

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 5.096, 180.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 13.411, 179.400 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, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(151, 186, 178)  
}
```

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, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 186, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 13.411, 179.400 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, 186, 178) }
```

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

```
.border{ border-color:rgb(151, 186, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 186, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 186, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 186, 178); box-shadow:4px 4px 4px 4px rgb(151, 186, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 13.411, 179.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 186, 178) }
```

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

```
.background{ background-color: rgb(151,  
186, 178) }
```

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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