

Converting Colors

CIELCh(73, 31.668, 179.514)

Have a look what the booklet for
CIELCh(73, 31.668, 179.514)
contains.

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Color

CIELCh(73, 31.584, 179.899)

Conversions

Conversions Part 1

Format	Color
Hex	67C3B2
RGB	103, 195, 178
RGB Percent	40%, 76%, 70%
CMY	0.5958, 0.2350, 0.3017
CMYK	0.47, 0.00, 0.09, 0.24
HSL	169°, 43%, 58%
HSV	169°, 47%, 76%
XYZ	33.1736, 45.1644, 49.1228
YIQ	165.5540, -49.3750, -24.7910

Conversions

Conversions Part 2

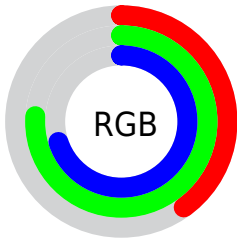
Format	Color
RYB	103, 154, 195
Decimal	6800306
CIELab	73.00, -31.58, 0.06
CIELCh	73, 31.584, 179.899
Yxy	45.1644, 0.2603, 0.3543
Android (android.graphics.Color)	4284990386 (0xFF67C3B2)
YUV	165.5540, 6.1359, -54.8599
Hunter-Lab	67.2044, -29.4963, 3.7053

Details

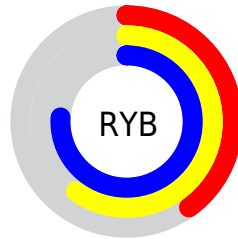
The CIELCh color **73, 31.584, 179.899** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 39.084, 10.696**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 31.609, 180.225**, and **53, 31.793, 179.309** is the 20% darker color. If you saturate the color by 10%, you get **72, 36.750, 178.738**, and if you desaturate by 10%, it is **74, 25.735, 180.970**.

Distribution



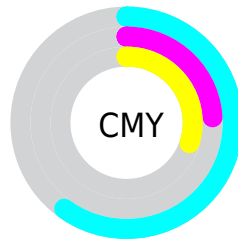
- Red (40%)
- Green (76%)
- Blue (70%)



- Red (40%)
- Yellow (60%)
- Blue (76%)



- Cyan (47%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)





- Cyan (60%)
- Magenta (24%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 31.584, 179.899 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, 31.584, 179.899 by changing the saturation by 10% instead.


 73, 31.584,
179.899


 73, 31.584,
179.899


 100, 31.584,
179.899


 63, 31.584,
179.899


 93, 31.584,
179.899

 53, 31.584,
179.899

 43, 31.584,
179.899

 33, 31.584,
179.899

 23, 31.584,
179.899

 13, 31.584,
179.899

 3, 31.584, 179.899

0, 31.584, 179.899

73, 31.584,
179.899

73, 31.584,
179.899

72, 36.750,
178.738

74, 25.735,
180.970

72, 41.138,
177.472

75, 19.320,
181.976

71, 44.692,
176.075

76, 12.461,
182.934

71, 47.411,
174.526

78, 5.279, 183.888

71, 49.386,
172.823

79, 2.119, 4.416

81, 9.640, 5.433

71, 49.893,
172.338

83, 17.208, 6.259

■ 84, 23.240, 5.919

■ 84, 23.666, 1.464

Harmonies

Complementary

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



73, 31.584, 179.899



55, 39.084, 10.696

Rectangle

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



73, 31.584, 179.899



73, 31.584, 229.899



73, 31.584, 359.899



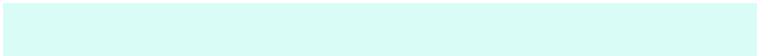
73, 31.584, 49.899

Sweetspot

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



73, 31.584, 179.897



97, 12.595, 183.211



72, 56.229, 136.106



52, 8.734, 183.004



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 31.584, 179.897



91, 45.034, 178.651



65, 24.391, 237.394



40, 4.144, 183.671



59, 43.063, 172.615



10, 14.165, 177.382

Inverse Universe

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



55, 39.084, 10.696



64, 58.662, 13.231



61, 33.079, 49.139



38, 4.307, 5.208



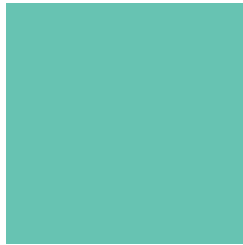
33, 66.070, 29.947



3, 14.249, 9.420

Previews

White Background



This preview shows how the CIELCh color 73, 31.584, 179.899 looks on a white background.

Color Contrast Check

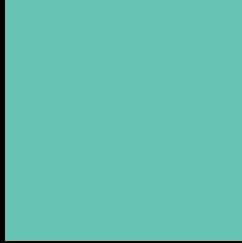
Large Text (above 18pt) WCAG AA × Fail

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, 31.584, 179.899 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

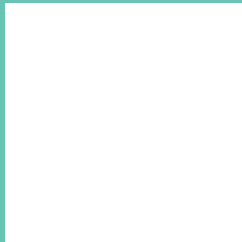
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 31.584, 179.899

Background



This preview shows how black text looks on a background with the CIELCh color 73, 31.584, 179.899.

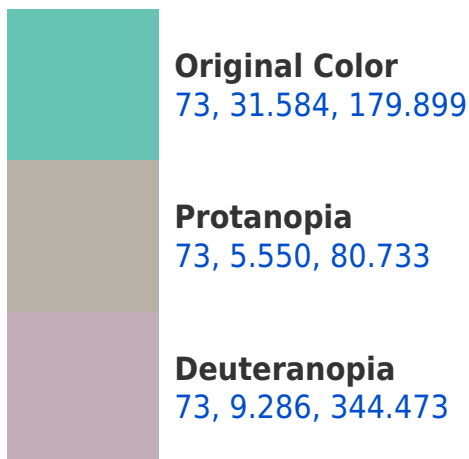


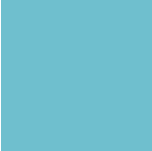
This preview shows how white text looks on a background with the CIELCh color 73, 31.584, 179.899.

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](#).

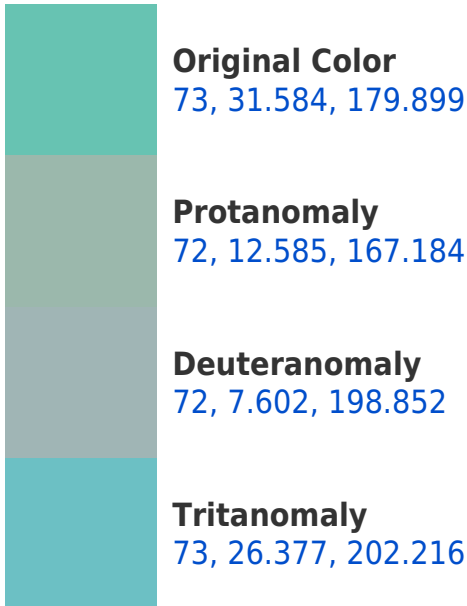
Dichromacy



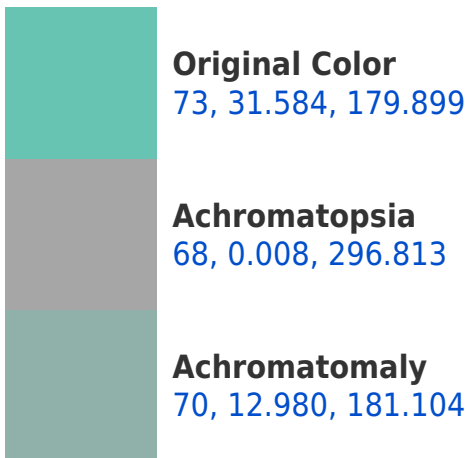


Tritanopia
73, 25.574, 216.432

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 31.584, 179.899 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(103, 195, 178)` looks like.

```
.text, #text, p{  
    color:rgb(103, 195, 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(103, 195, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 195, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 31.584, 179.899 is called "border". The border property can be set on classes, ids or directly on the HTML element.

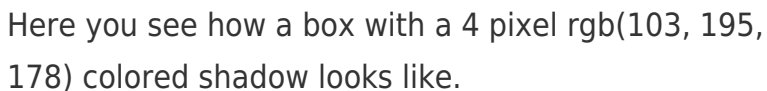
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 195, 178) }
```

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

```
.border{ border-color:rgb(103, 195, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 195, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 195, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 195, 178); box-shadow:4px 4px 4px 4px rgb(103, 195, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 31.584, 179.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 195, 178) }
```

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

```
.background{ background-color: rgb(103,  
195, 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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