

Converting Colors

CIELCh(73, 31.082, 199.133)

Have a look what the booklet for
CIELCh(73, 31.082, 199.133)
contains.

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Color

CIELCh(73, 31.065, 199.129)

Conversions

Conversions Part 1

Format	Color
Hex	5BC3C5
RGB	91, 195, 197
RGB Percent	36%, 76%, 77%
CMY	0.6441, 0.2361, 0.2283
CMYK	0.54, 0.01, 0.00, 0.23
HSL	181°, 48%, 56%
HSV	181°, 54%, 77%
XYZ	33.8092, 45.1644, 59.6272
YIQ	164.1320, -62.6260, -21.4260

Conversions

Conversions Part 2

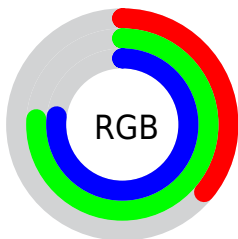
Format	Color
RYB	91, 143, 197
Decimal	6013893
CIELab	73.00, -29.35, -10.18
CIELCh	73, 31.065, 199.129
Yxy	45.1644, 0.2439, 0.3259
Android (android.graphics.Color)	4284203973 (0xFF5BC3C5)
YUV	164.1320, 16.2039, -64.1368
Hunter-Lab	67.2044, -27.8080, -5.5620

Details

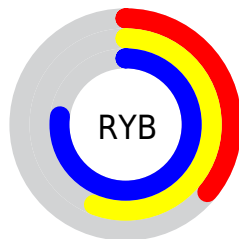
The CIELCh color **73, 31.065, 199.129** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **52, 46.437, 27.040**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 31.005, 199.429**, and **53, 31.140, 198.661** is the 20% darker color. If you saturate the color by 10%, you get **72, 34.573, 199.012**, and if you desaturate by 10%, it is **74, 26.712, 199.331**.

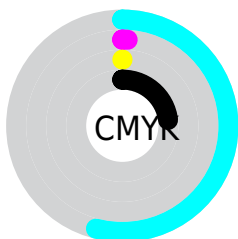
Distribution



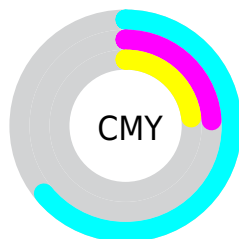
- Red (36%)
- Green (76%)
- Blue (77%)



- Red (36%)
- Yellow (56%)
- Blue (77%)



- Cyan (54%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)





- Cyan (64%)
- Magenta (24%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 31.065, 199.129 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, 31.065, 199.129 by changing the saturation by 10% instead.


 73, 31.065,
199.129


 73, 31.065,
199.129


 100, 31.065,
199.129


 63, 31.065,
199.129


 93, 31.065,
199.129


 53, 31.065,
199.129

 43, 31.065,
199.129

 33, 31.065,
199.129

 23, 31.065,
199.129

 13, 31.065,
199.129

 3, 31.065, 199.129

0, 31.065, 199.129

73, 31.065,
199.129

73, 31.065,
199.129

72, 34.573,
199.012

74, 26.712,
199.331

72, 37.193,
198.992

75, 21.595,
199.617

71, 38.929,
199.069

76, 15.814,
199.978

71, 39.848,
199.243

77, 9.484, 200.413

71, 40.147,
199.382

79, 2.717, 201.018

80, 4.383, 21.194

82, 11.723, 21.805

■ 84, 19.224, 22.379

■ 85, 21.759, 22.904

Harmonies

Complementary

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



73, 31.065, 199.129



52, 46.437, 27.040

Rectangle

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



73, 31.065, 199.129



73, 31.065, 249.129



73, 31.065, 19.129



73, 31.065, 69.129

Sweetspot

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



73, 31.065, 199.127



97, 13.405, 200.302



71, 67.052, 140.361



51, 8.993, 200.209



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, 31.065, 199.127



91, 42.789, 199.000



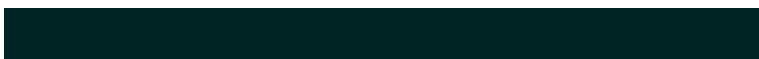
58, 33.651, 267.797



41, 3.957, 200.641



60, 34.956, 199.340



11, 12.718, 198.674

Inverse Universe

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



55, 66.440, 327.754



66, 94.801, 328.234



64, 38.657, 70.317



39, 7.289, 325.440



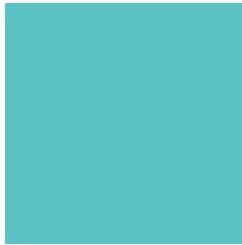
38, 81.559, 328.988



4, 26.317, 327.635

Previews

White Background



This preview shows how the CIE LCh color 73, 31.065, 199.129 looks on a white background.

Color Contrast Check

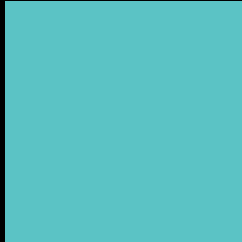
Large Text (above 18pt) WCAG AA × Fail

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, 31.065, 199.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

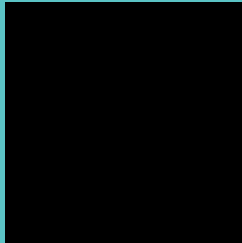
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

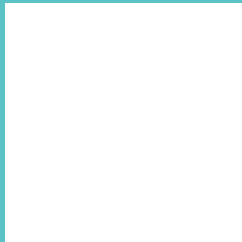
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 31.065, 199.129

Background



This preview shows how black text looks on a background with the CIELCh color 73, 31.065, 199.129.

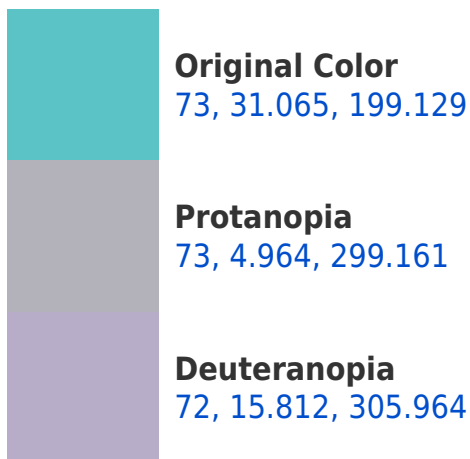


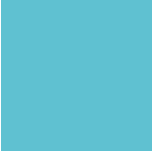
This preview shows how white text looks on a background with the CIELCh color 73, 31.065, 199.129.

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, 29.510, 214.710

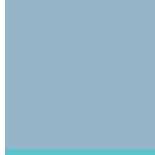
Trichromacy



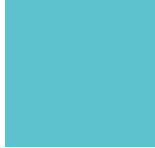
Original Color
73, 31.065, 199.129



Protanomaly
72, 12.935, 215.727



Deuteranomaly
72, 14.154, 242.865

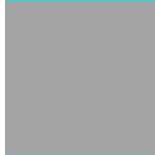


Tritanomaly
73, 30.004, 208.885

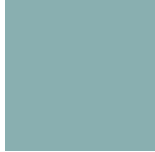
Monochromacy



Original Color
73, 31.065, 199.129



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 13.396, 200.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 31.065, 199.129 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(91, 195, 197)` looks like.

```
.text, #text, p{  
    color:rgb(91, 195, 197)  
}
```

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(91, 195, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 195, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 31.065, 199.129 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(91, 195, 197) }
```

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

```
.border{ border-color:rgb(91, 195, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 195, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 195, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 195, 197);  
box-shadow:4px 4px 4px 4px rgb(91, 195,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 31.065, 199.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 195, 197) }
```

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

```
.background{ background-color: rgb(91, 195,  
197) }
```

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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