

Converting Colors

CIELCh(73, 28.231, 197.356)

Have a look what the booklet for
CIELCh(73, 28.231, 197.356)
contains.

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Color

CIELCh(73, 28.370, 197.278)

Conversions

Conversions Part 1

Format	Color
Hex	67C2C2
RGB	103, 194, 194
RGB Percent	40%, 76%, 76%
CMY	0.5975, 0.2406, 0.2406
CMYK	0.47, 0.00, 0.00, 0.24
HSL	180°, 43%, 58%
HSV	180°, 47%, 76%
XYZ	34.4604, 45.1644, 57.7304
YIQ	166.7910, -54.2360, -19.2920

Conversions

Conversions Part 2

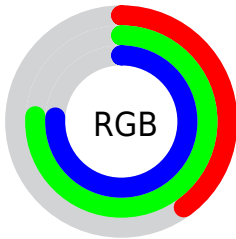
Format	Color
RYB	103, 149, 194
Decimal	6800066
CIELab	73.00, -27.09, -8.43
CIELCh	73, 28.370, 197.278
Yxy	45.1644, 0.2509, 0.3288
Android (android.graphics.Color)	4284990146 (0xFF67C2C2)
YUV	166.7910, 13.4140, -55.9447
Hunter-Lab	67.2044, -26.0785, -3.8886

Details

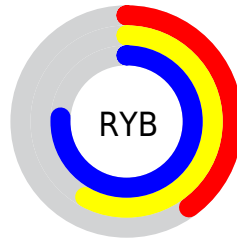
The CIELCh color **73, 28.370, 197.278** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 39.787, 24.485**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 28.450, 196.590**, and **53, 28.466, 196.711** is the 20% darker color. If you saturate the color by 10%, you get **72, 32.517, 196.973**, and if you desaturate by 10%, it is **74, 23.434, 197.642**.

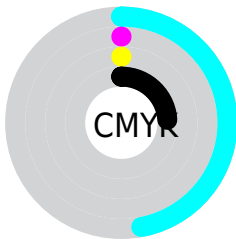
Distribution



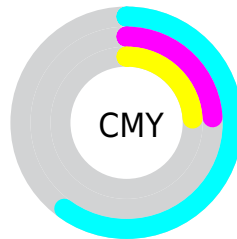
- Red (40%)
- Green (76%)
- Blue (76%)



- Red (40%)
- Yellow (58%)
- Blue (76%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 28.370, 197.278 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, 28.370, 197.278 by changing the saturation by 10% instead.


 73, 28.370,
197.278


 73, 28.370,
197.278


 100, 28.370,
197.278


 63, 28.370,
197.278


 93, 28.370,
197.278

 53, 28.370,
197.278

 43, 28.370,
197.278

 33, 28.370,
197.278

 23, 28.370,
197.278

 13, 28.370,
197.278

 3, 28.370, 197.278

0, 28.370, 197.278

73, 28.370,
197.278

73, 28.370,
197.278

72, 32.517,
196.973

74, 23.434,
197.642

72, 35.808,
196.737

75, 17.803,
198.069

71, 38.216,
196.565

76, 11.588,
198.556

71, 39.768,
196.456

77, 4.901, 199.134

79, 2.148, 19.324

71, 40.565,
196.400

80, 9.462, 20.097

71, 40.741,
196.388

82, 16.955, 20.722

■ 84, 23.552, 21.264

■ 84, 23.552, 21.264

Harmonies

Complementary

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



73, 28.370, 197.278



54, 39.787, 24.485

Rectangle

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



73, 28.370, 197.278



73, 28.370, 247.278



73, 28.370, 17.278



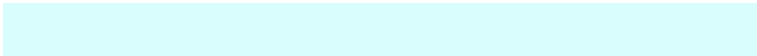
73, 28.370, 67.278

Sweetspot

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



73, 28.370, 197.276



97, 11.932, 198.703



71, 59.106, 140.708



52, 8.252, 198.586



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, 28.370, 197.276



92, 39.647, 196.976



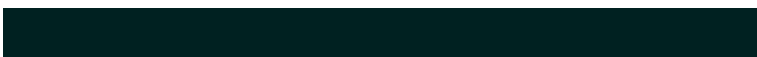
60, 28.519, 264.017



40, 3.949, 198.981



60, 35.474, 196.388



11, 12.444, 196.393

Inverse Universe

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



57, 58.864, 326.893



69, 84.870, 327.313



65, 32.650, 69.573



38, 7.226, 324.930



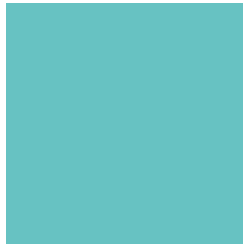
38, 81.805, 328.233



4, 24.213, 326.359

Previews

White Background



This preview shows how the CIELCh color 73, 28.370, 197.278 looks on a white background.

Color Contrast Check

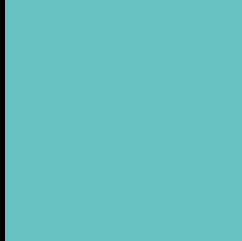
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 28.370, 197.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

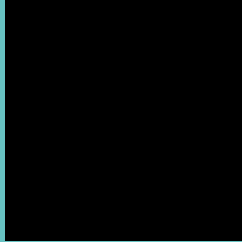
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

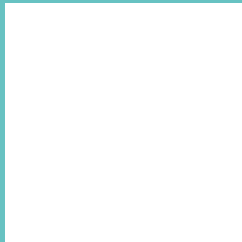
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 28.370, 197.278

Background



This preview shows how black text looks on a background with the CIELCh color 73, 28.370, 197.278.

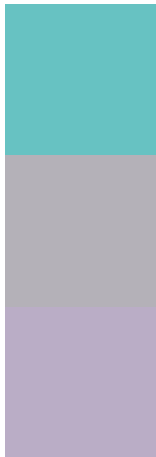


This preview shows how white text looks on a background with the CIELCh color 73, 28.370, 197.278.

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](#).

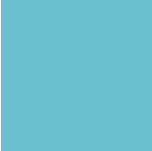
Dichromacy



Original Color
73, 28.370, 197.278

Protanopia
73, 3.984, 306.690

Deuteranopia
72, 14.460, 310.315



Tritanopia
73, 26.709, 215.521

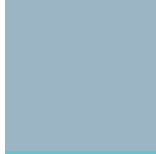
Trichromacy



Original Color
73, 28.370, 197.278



Protanomaly
72, 11.154, 212.792



Deuteranomaly
72, 11.720, 243.250

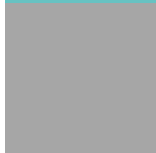


Tritanomaly
73, 27.199, 207.904

Monochromacy



Original Color
73, 28.370, 197.278



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 11.766, 198.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 28.370, 197.278 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, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(103, 194, 194)  
}
```

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, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 194, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 28.370, 197.278 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, 194, 194) }
```

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

```
.border{ border-color:rgb(103, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(103, 194,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 28.370, 197.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 194, 194) }
```

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

```
.background{ background-color: rgb(103,  
194, 194) }
```

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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