

Converting Colors

CIELCh(73, 28.281, 195.096)

Have a look what the booklet for
CIELCh(73, 28.281, 195.096)
contains.

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Color

CIELCh(73, 28.349, 195.052)

Conversions

Conversions Part 1

Format	Color
Hex	68C2C0
RGB	104, 194, 192
RGB Percent	41%, 76%, 75%
CMY	0.5934, 0.2404, 0.2482
CMYK	0.46, 0.00, 0.01, 0.24
HSL	179°, 42%, 58%
HSV	179°, 46%, 76%
XYZ	34.3773, 45.1644, 56.5995
YIQ	166.8620, -52.9980, -19.7020

Conversions

Conversions Part 2

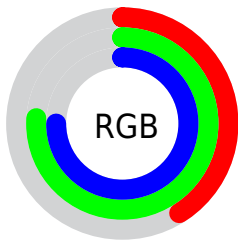
Format	Color
RYB	104, 150, 194
Decimal	6865600
CIELab	73.00, -27.38, -7.36
CIELCh	73, 28.349, 195.052
Yxy	45.1644, 0.2525, 0.3317
Android (android.graphics.Color)	4285055680 (0xFF68C2C0)
YUV	166.8620, 12.3930, -55.1300
Hunter-Lab	67.2044, -26.2990, -2.8908

Details

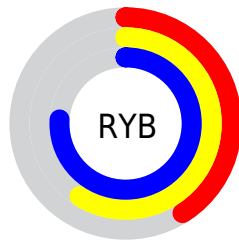
The CIELCh color **73, 28.349, 195.052** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 39.028, 22.776**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 28.376, 194.482**, and **53, 28.300, 195.533** is the 20% darker color. If you saturate the color by 10%, you get **72, 32.627, 194.605**, and if you desaturate by 10%, it is **74, 23.297, 195.535**.

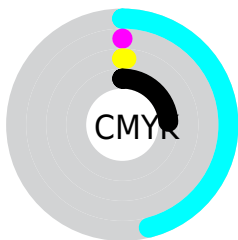
Distribution



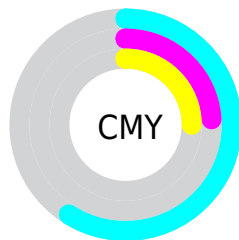
- Red (41%)
- Green (76%)
- Blue (75%)



- Red (41%)
- Yellow (59%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)





- Cyan (59%)
- Magenta (24%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 28.349, 195.052 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, 28.349, 195.052 by changing the saturation by 10% instead.


 73, 28.349,
195.052

 73, 28.349,
195.052


 100, 28.349,
195.052


 63, 28.349,
195.052


 93, 28.349,
195.052

 53, 28.349,
195.052

 43, 28.349,
195.052

 33, 28.349,
195.052

 23, 28.349,
195.052

 13, 28.349,
195.052

 3, 28.349, 195.052

■ 0, 28.349, 195.052

■ 73, 28.349,
195.052

■ 73, 28.349,
195.052

■ 72, 32.627,
194.605

■ 74, 23.297,
195.535

■ 72, 36.059,
194.197

■ 75, 17.570,
196.061

■ 71, 38.610,
193.823

■ 76, 11.281,
196.631

■ 71, 40.298,
193.474

■ 77, 4.543, 197.284

■ 71, 41.213,
193.140

■ 79, 2.533, 17.562

■ 80, 9.853, 18.346

■ 71, 41.450,
193.024

■ 82, 17.331, 19.009

■ 84, 23.469, 19.439

■ 84, 23.455, 18.894

Harmonies

Complementary

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



73, 28.349, 195.052



54, 39.028, 22.776

Rectangle

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



73, 28.349, 195.052



73, 28.349, 245.052



73, 28.349, 15.052



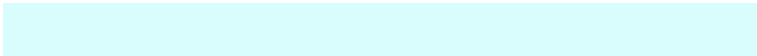
73, 28.349, 65.052

Sweetspot

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



73, 28.349, 195.050



97, 11.965, 196.767



71, 57.939, 140.075



52, 8.278, 196.634



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, 28.349, 195.050



92, 40.021, 194.587



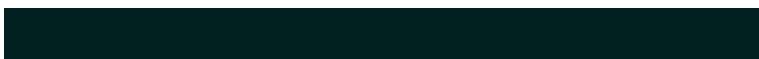
61, 27.149, 260.018



40, 3.957, 197.077



60, 36.075, 193.069



11, 12.594, 193.855

Inverse Universe

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



54, 39.028, 22.776



64, 59.832, 25.070



64, 31.965, 66.262



38, 4.187, 18.122



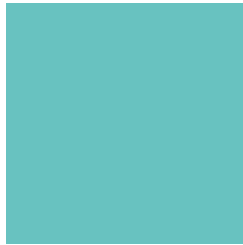
33, 72.850, 38.827



3, 14.007, 18.191

Previews

White Background



This preview shows how the CIELCh color 73, 28.349, 195.052 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, 28.349, 195.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

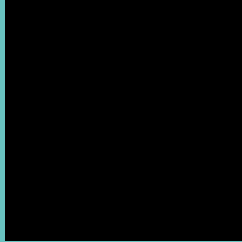
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

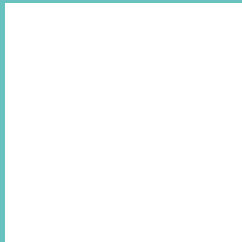
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 28.349, 195.052

Background



This preview shows how black text looks on a background with the CIELCh color 73, 28.349, 195.052.

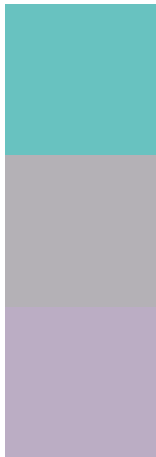


This preview shows how white text looks on a background with the CIELCh color 73, 28.349, 195.052.

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, 28.349, 195.052

Protanopia

73, 2.957, 312.548

Deuteranopia

73, 13.573, 313.253



Tritanopia
73, 26.334, 217.103

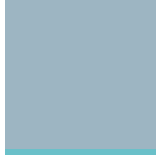
Trichromacy



Original Color
73, 28.349, 195.052



Protanomaly
72, 11.027, 207.143



Deuteranomaly
72, 10.801, 239.991



Tritanomaly
73, 26.730, 208.125

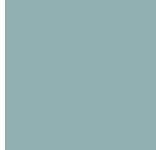
Monochromacy



Original Color
73, 28.349, 195.052



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 11.815, 195.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 28.349, 195.052 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(104, 194, 192)` looks like.

```
.text, #text, p{  
    color:rgb(104, 194, 192)  
}
```

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(104, 194, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 194, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 28.349, 195.052 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(104, 194, 192) }
```

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

```
.border{ border-color:rgb(104, 194, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 194, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 194, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 194, 192);  
box-shadow:4px 4px 4px 4px rgb(104, 194,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 28.349, 195.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 194, 192) }
```

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

```
.background{ background-color: rgb(104,  
194, 192) }
```

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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