

Converting Colors

CIELCh(73, 32.799, 193.103)

Have a look what the booklet for
CIELCh(73, 32.799, 193.103)
contains.

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Color

CIELCh(73, 32.817, 193.117)

Conversions

Conversions Part 1

Format	Color
Hex	57C4C0
RGB	87, 196, 192
RGB Percent	34%, 77%, 75%
CMY	0.6600, 0.2324, 0.2481
CMYK	0.56, 0.00, 0.02, 0.23
HSL	178°, 48%, 55%
HSV	178°, 56%, 77%
XYZ	33.0672, 45.1644, 56.6897
YIQ	162.9530, -63.6800, -24.3520

Conversions

Conversions Part 2

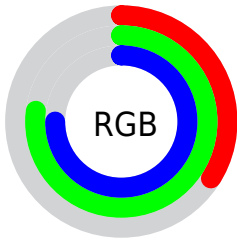
Format	Color
RYB	87, 143, 196
Decimal	5752000
CIELab	73.00, -31.96, -7.45
CIElCh	73, 32.817, 193.117
Yxy	45.1644, 0.2451, 0.3347
Android (android.graphics.Color)	4283942080 (0xFF57C4C0)
YUV	162.9530, 14.3202, -66.6108
Hunter-Lab	67.2044, -29.7789, -2.9704

Details

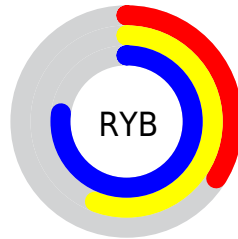
The CIELCh color **73, 32.817, 193.117** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **51, 48.039, 23.753**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 32.904, 192.824**, and **53, 32.828, 193.260** is the 20% darker color. If you saturate the color by 10%, you get **72, 36.409, 192.604**, and if you desaturate by 10%, it is **74, 28.380, 193.648**.

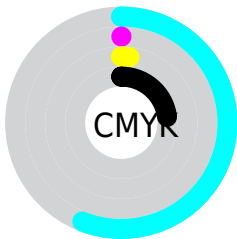
Distribution



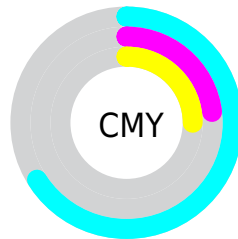
- Red (34%)
- Green (77%)
- Blue (75%)



- Red (34%)
- Yellow (56%)
- Blue (77%)



- Cyan (56%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)





- Cyan (66%)
- Magenta (23%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 32.817, 193.117 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, 32.817, 193.117 by changing the saturation by 10% instead.


 73, 32.817,
193.117


 73, 32.817,
193.117


 100, 32.817,
193.117


 63, 32.817,
193.117


 93, 32.817,
193.117

 53, 32.817,
193.117

 43, 32.817,
193.117

 33, 32.817,
193.117

 23, 32.817,
193.117

 13, 32.817,
193.117

 3, 32.817, 193.117

0, 32.817, 193.117

73, 32.817,
193.117

73, 32.817,
193.117

72, 36.409,
192.604

74, 28.380,
193.648

72, 39.115,
192.106

75, 23.177,
194.207

72, 40.948,
191.612

76, 17.311,
194.794

72, 41.983,
191.109

77, 10.897,
195.416

72, 42.299,
190.893

78, 4.051, 196.124

80, 3.118, 16.461

81, 10.513, 17.237

■ 83, 18.053, 17.922

■ 84, 22.596, 17.947

Harmonies

Complementary

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



73, 32.817, 193.117



51, 48.039, 23.753

Rectangle

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



73, 32.817, 193.117



73, 32.817, 243.117



73, 32.817, 13.117



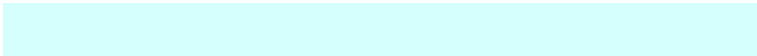
73, 32.817, 63.117

Sweetspot

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



73, 32.817, 193.115



97, 14.563, 195.315



71, 68.559, 138.814



51, 9.685, 195.186



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, 32.817, 193.115



92, 45.305, 192.485



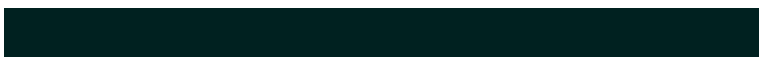
59, 31.752, 260.612



40, 3.965, 195.842



60, 36.521, 190.970



11, 12.701, 192.238

Inverse Universe

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



51, 48.039, 23.753



60, 72.948, 27.280



62, 39.479, 63.526



38, 4.188, 16.951



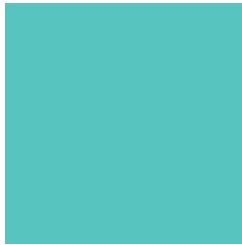
33, 72.288, 38.232



3, 14.015, 17.400

Previews

White Background



This preview shows how the CIE LCh color 73, 32.817, 193.117 looks on a white background.

Color Contrast Check

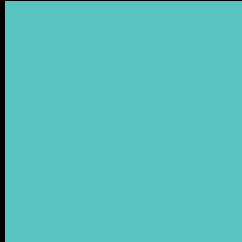
Large Text (above 18pt) WCAG AA × Fail

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, 32.817, 193.117 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

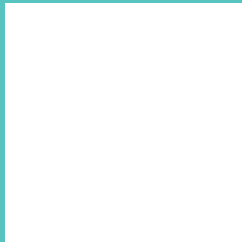
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 32.817, 193.117

Background



This preview shows how black text looks on a background with the CIELCh color 73, 32.817, 193.117.

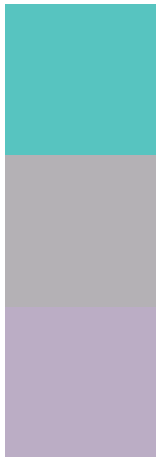


This preview shows how white text looks on a background with the CIELCh color 73, 32.817, 193.117.

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, 32.817, 193.117

Protanopia
73, 2.463, 317.314

Deuteranopia
73, 14.076, 312.431



Tritanopia
73, 29.901, 214.452

Trichromacy



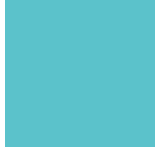
Original Color
73, 32.817, 193.117



Protanomaly
72, 13.317, 200.739



Deuteranomaly
72, 12.644, 236.030



Tritanomaly
73, 30.433, 206.562

Monochromacy



Original Color
73, 32.817, 193.117



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 14.240, 193.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 32.817, 193.117 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(87, 196, 192)` looks like.

```
.text, #text, p{  
    color:rgb(87, 196, 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(87, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 196, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 32.817, 193.117 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(87, 196, 192) }
```

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

```
.border{ border-color:rgb(87, 196, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 196, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 196, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 196, 192);  
box-shadow:4px 4px 4px 4px rgb(87, 196,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 32.817, 193.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 196, 192) }
```

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

```
.background{ background-color: rgb(87, 196,  
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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