

Converting Colors

CIELCh(73, 30.957, 196.076)

Have a look what the booklet for
CIELCh(73, 30.957, 196.076)
contains.

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Color

CIELCh(73, 30.957, 196.076)

Conversions

Conversions Part 1

Format	Color
Hex	5DC3C2
RGB	93, 195, 194
RGB Percent	36%, 76%, 76%
CMY	0.6359, 0.2359, 0.2398
CMYK	0.52, 0.00, 0.01, 0.24
HSL	179°, 46%, 56%
HSV	179°, 52%, 76%
XYZ	33.6958, 45.1644, 57.8870
YIQ	164.3880, -60.4710, -21.9350

Conversions

Conversions Part 2

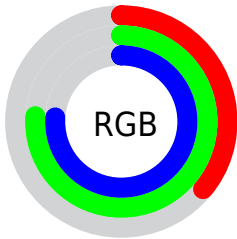
Format	Color
RYB	93, 144, 195
Decimal	6144962
CIELab	73.00, -29.75, -8.57
CIELCh	73, 30.957, 196.076
Yxy	45.1644, 0.2464, 0.3303
Android (android.graphics.Color)	4284335042 (0xFF5DC3C2)
YUV	164.3880, 14.5987, -62.6073
Hunter-Lab	67.2044, -28.1093, -4.0267

Details

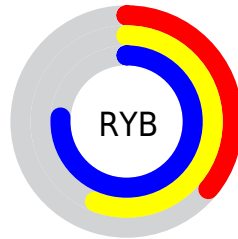
The CIELCh color **73, 30.957, 196.076** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **52, 45.062, 24.887**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 31.094, 195.558**, and **53, 31.051, 195.403** is the 20% darker color. If you saturate the color by 10%, you get **72, 34.707, 195.737**, and if you desaturate by 10%, it is **74, 26.377, 196.465**.

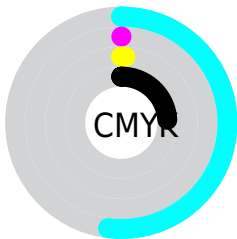
Distribution



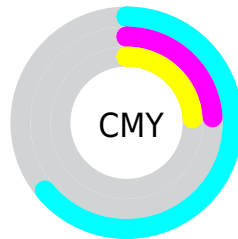
- Red (36%)
- Green (76%)
- Blue (76%)



- Red (36%)
- Yellow (56%)
- Blue (76%)



- Cyan (52%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 30.957, 196.076 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, 30.957, 196.076 by changing the saturation by 10% instead.


 73, 30.957,
196.076


 73, 30.957,
196.076


 100, 30.957,
196.076


 63, 30.957,
196.076


 93, 30.957,
196.076

 53, 30.957,
196.076

 43, 30.957,
196.076

 33, 30.957,
196.076

 23, 30.957,
196.076

 13, 30.957,
196.076

 3, 30.957, 196.076

0, 30.957, 196.076

73, 30.957,
196.076

73, 30.957,
196.076

72, 34.707,
195.737

74, 26.377,
196.465

72, 37.578,
195.452

75, 21.050,
196.908

72, 39.567,
195.215

76, 15.081,
197.403

71, 40.732,
195.019

77, 8.585, 197.955

71, 41.225,
194.887

78, 1.674, 198.775

80, 5.545, 18.944

82, 12.982, 19.609

■ 83, 20.558, 20.248

■ 84, 23.018, 20.288

Harmonies

Complementary

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



73, 30.957, 196.076



52, 45.062, 24.887

Rectangle

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



73, 30.957, 196.076



73, 30.957, 246.076



73, 30.957, 16.076



73, 30.957, 66.076

Sweetspot

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



73, 30.957, 196.074



96, 13.573, 197.732



71, 65.239, 139.806



52, 9.182, 197.616



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, 30.957, 196.074



91, 42.815, 195.687



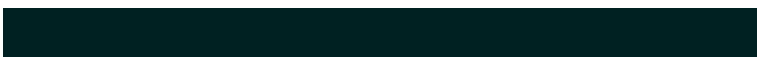
59, 31.117, 263.617



40, 3.952, 198.139



60, 35.727, 194.908



11, 12.508, 195.264

Inverse Universe

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



52, 45.062, 24.887



61, 68.553, 27.853



63, 36.839, 67.235



38, 4.187, 19.126



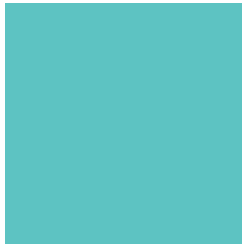
33, 73.338, 39.330



3, 14.002, 18.869

Previews

White Background



This preview shows how the CIELCh color 73, 30.957, 196.076 looks on a white background.

Color Contrast Check

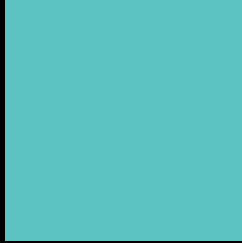
Large Text (above 18pt) WCAG AA × Fail

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, 30.957, 196.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

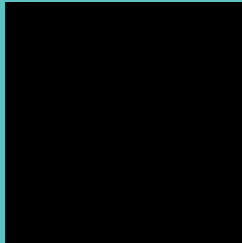
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 30.957, 196.076

Background



This preview shows how black text looks on a background with the CIELCh color 73, 30.957, 196.076.

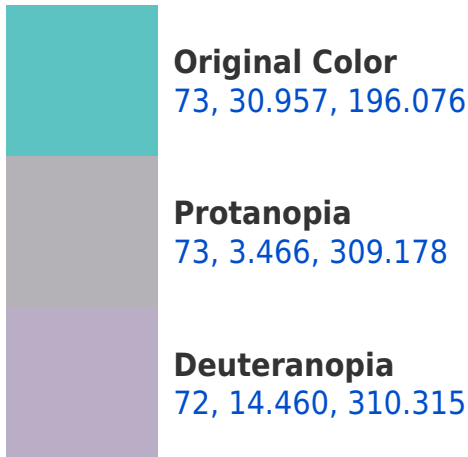


This preview shows how white text looks on a background with the CIELCh color 73, 30.957, 196.076.

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, 28.857, 213.998

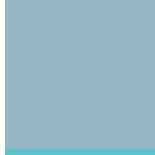
Trichromacy



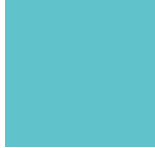
Original Color
73, 30.957, 196.076



Protanomaly
72, 12.378, 208.678



Deuteranomaly
72, 12.692, 239.052



Tritanomaly
73, 29.408, 206.959

Monochromacy



Original Color
73, 30.957, 196.076



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 13.108, 198.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 30.957, 196.076 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(93, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(93, 195, 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(93, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 195, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 30.957, 196.076 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(93, 195, 194) }
```

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

```
.border{ border-color:rgb(93, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(93, 195,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 30.957, 196.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 195, 194) }
```

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

```
.background{ background-color: rgb(93, 195,  
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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