

Converting Colors

CIELCh(73, 34.612, 201.193)

Have a look what the booklet for
CIELCh(73, 34.612, 201.193)
contains.

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Color

CIELCh(73, 34.496, 201.461)

Conversions

Conversions Part 1

Format	Color
Hex	48C4C9
RGB	72, 196, 201
RGB Percent	28%, 77%, 79%
CMY	0.7168, 0.2307, 0.2111
CMYK	0.64, 0.02, 0.00, 0.21
HSL	182°, 54%, 54%
HSV	182°, 64%, 79%
XYZ	33.0267, 45.1644, 62.3358
YIQ	159.4940, -75.5090, -24.7330

Conversions

Conversions Part 2

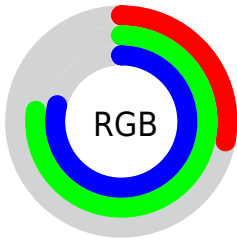
Format	Color
RYB	72, 135, 201
Decimal	4768969
CIELab	73.00, -32.10, -12.62
CIELCh	73, 34.496, 201.461
Yxy	45.1644, 0.2350, 0.3214
Android (android.graphics.Color)	4282959049 (0xFF48C4C9)
YUV	159.4940, 20.4625, -76.7322
Hunter-Lab	67.2044, -29.8864, -7.9516

Details

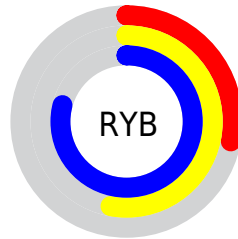
The CIELCh color **73, 34.496, 201.461** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **50, 56.901, 30.558**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 34.732, 199.005**, and **53, 31.747, 201.791** is the 20% darker color. If you saturate the color by 10%, you get **72, 37.045, 201.640**, and if you desaturate by 10%, it is **74, 31.045, 201.409**.

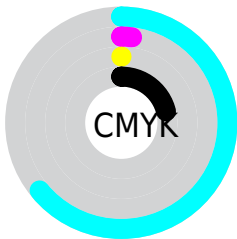
Distribution



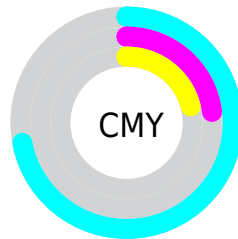
- Red (28%)
- Green (77%)
- Blue (79%)



- Red (28%)
- Yellow (53%)
- Blue (79%)



- Cyan (64%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)





- Cyan (72%)
- Magenta (23%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 34.496, 201.461 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, 34.496, 201.461 by changing the saturation by 10% instead.


 73, 34.496,
201.461


 73, 34.496,
201.461


 100, 34.496,
201.461


 63, 34.496,
201.461


 93, 34.496,
201.461

 53, 34.496,
201.461

 43, 34.496,
201.461

 33, 34.496,
201.461

 23, 34.496,
201.461

 13, 34.496,
201.461

 3, 34.496, 201.461

0, 34.496, 201.461

73, 34.496,
201.461

73, 34.496,
201.461

72, 37.045,
201.640

74, 31.045,
201.409

72, 38.698,
201.960

75, 26.740,
201.475

71, 39.521,
202.425

76, 21.662,
201.646

71, 39.752,
202.746

77, 15.915,
201.909

79, 9.614, 202.260

80, 2.869, 202.784

82, 4.213, 22.893

■ 84, 11.541, 23.450

■ 86, 19.037, 23.968

Harmonies

Complementary

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



73, 34.496, 201.461



50, 56.901, 30.558

Rectangle

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



73, 34.496, 201.461



73, 34.496, 251.461



73, 34.496, 21.461



73, 34.496, 71.461

Sweetspot

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



73, 34.496, 201.460



96, 15.458, 202.067



72, 78.226, 139.555



51, 10.538, 201.970



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, 34.496, 201.460



89, 45.201, 201.750



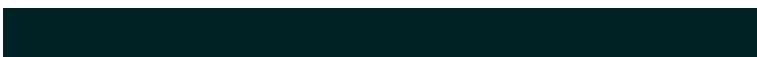
54, 41.517, 272.857



41, 3.880, 202.464



59, 34.060, 202.645



11, 12.457, 201.202

Inverse Universe

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



53, 76.687, 328.810



63, 103.868, 329.308



63, 47.768, 70.477



39, 7.191, 325.990



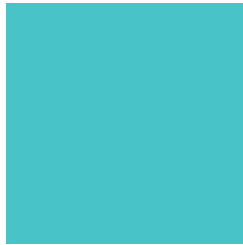
38, 80.308, 329.819



4, 25.872, 328.307

Previews

White Background



This preview shows how the CIELCh color 73, 34.496, 201.461 looks on a white background.

Color Contrast Check

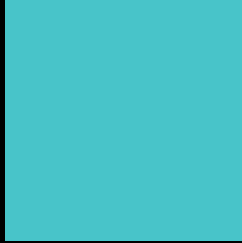
Large Text (above 18pt) WCAG AA × Fail

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, 34.496, 201.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

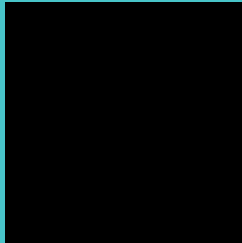
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

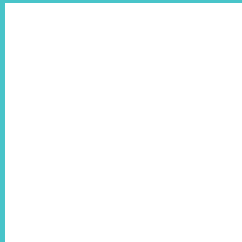
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 34.496, 201.461

Background



This preview shows how black text looks on a background with the CIELCh color 73, 34.496, 201.461.

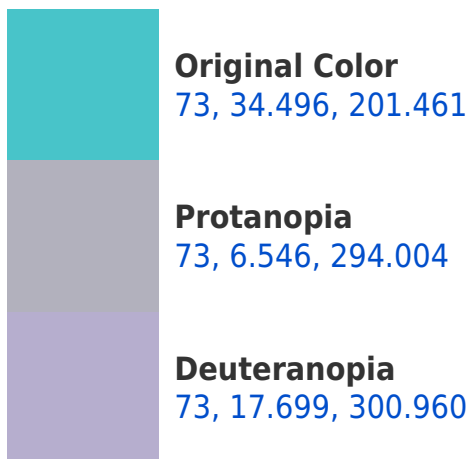


This preview shows how white text looks on a background with the CIELCh color 73, 34.496, 201.461.

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



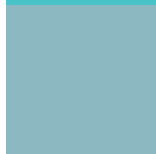


Tritanopia
73, 33.122, 211.523

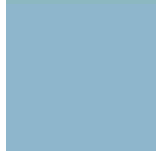
Trichromacy



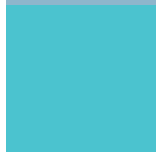
Original Color
73, 34.496, 201.461



Protanomaly
72, 15.564, 216.795



Deuteranomaly
72, 17.506, 242.111

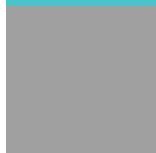


Tritanomaly
73, 33.457, 208.414

Monochromacy



Original Color
73, 34.496, 201.461



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 15.632, 202.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 34.496, 201.461 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(72, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(72, 196, 201)  
}
```

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(72, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 196, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 34.496, 201.461 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(72, 196, 201) }
```

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

```
.border{ border-color:rgb(72, 196, 201) }
```

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

Here you see how a box with a 4 pixel rgb(72, 196, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(72, 196,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 34.496, 201.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 196, 201) }
```

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

```
.background{ background-color: rgb(72, 196,  
201) }
```

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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