

Converting Colors

CIELCh(73, 36.930, 197.153)

Have a look what the booklet for
CIELCh(73, 36.930, 197.153)
contains.

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Color

CIELCh(73, 36.734, 197.567)

Conversions

Conversions Part 1

Format	Color
Hex	3DC5C6
RGB	61, 197, 198
RGB Percent	24%, 77%, 78%
CMY	0.7591, 0.2263, 0.2224
CMYK	0.69, 0.01, 0.00, 0.22
HSL	180°, 55%, 51%
HSV	180°, 69%, 78%
XYZ	32.2114, 45.1644, 60.6245
YIQ	156.4500, -81.3770, -28.5210

Conversions

Conversions Part 2

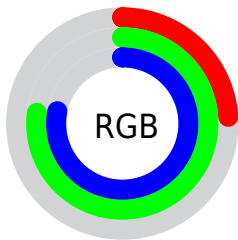
Format	Color
R_{YB}	61, 129, 198
Decimal	4048326
CIE _{Lab}	73.00, -35.02, -11.09
CIE _{LCh}	73, 36.734, 197.567
Yxy	45.1644, 0.2334, 0.3273
Android (android.graphics.Color)	4282238406 (0xFF3DC5C6)
YUV	156.4500, 20.4842, -83.7096
Hunter-Lab	67.2044, -32.0519, -6.4418

Details

The CIELCh color **73, 36.734, 197.567** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **47, 62.228, 30.386**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 36.757, 197.976**, and **54, 32.425, 197.442** is the 20% darker color. If you saturate the color by 10%, you get **73, 38.961, 197.478**, and if you desaturate by 10%, it is **74, 33.607, 197.730**.

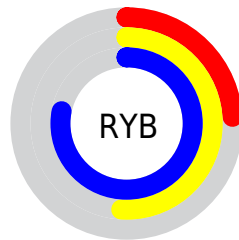
Distribution



Red (24%)

Green (77%)

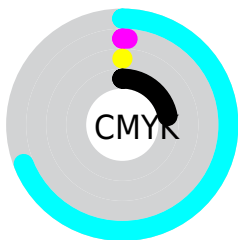
Blue (78%)



Red (24%)

Yellow (51%)

Blue (78%)

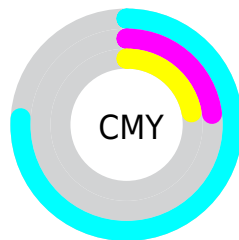


Cyan (69%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (76%)


Magenta (23%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 36.734, 197.567 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, 36.734, 197.567 by changing the saturation by 10% instead.


 73, 36.734,
197.567


 73, 36.734,
197.567


 100, 36.734,
197.567


 63, 36.734,
197.567


 93, 36.734,
197.567

 53, 36.734,
197.567

 43, 36.734,
197.567

 33, 36.734,
197.567

 23, 36.734,
197.567

 13, 36.734,
197.567

 3, 36.734, 197.567

■ 0, 36.734, 197.567

■ 73, 36.734,
197.567

■ 73, 36.734,
197.567

■ 73, 38.961,
197.478

■ 74, 33.607,
197.730

■ 72, 40.325,
197.465

■ 74, 29.598,
197.970

■ 72, 40.985,
197.514

■ 75, 24.769,
198.283

■ 72, 41.038,
197.520

■ 76, 19.213,
198.663

■ 77, 13.039,
199.108

■ 79, 6.362, 199.633

■ 80, 0.706, 19.290

■ 82, 8.062, 20.554

■ 84, 15.617, 21.164

Harmonies

Complementary

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



73, 36.734, 197.567



47, 62.228, 30.386

Rectangle

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



73, 36.734, 197.567



73, 36.734, 247.567



73, 36.734, 17.567



73, 36.734, 67.567

Sweetspot

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



73, 36.734, 197.566



96, 17.524, 199.000



71, 83.362, 138.239



51, 11.749, 198.873



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, 36.734, 197.566



91, 48.067, 197.462



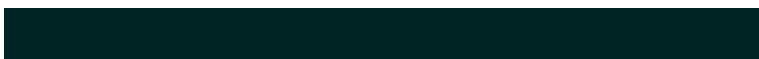
53, 41.895, 271.074



41, 4.004, 199.612



60, 35.520, 197.504



12, 12.879, 197.255

Inverse Universe

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



51, 81.569, 327.965



62, 109.866, 328.335



60, 50.890, 66.648



39, 7.346, 325.126



39, 82.295, 328.520



4, 26.578, 327.258

Previews

White Background



This preview shows how the CIELCh color 73, 36.734, 197.567 looks on a white background.

Color Contrast Check

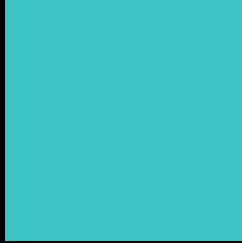
Large Text (above 18pt) WCAG AA × Fail

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, 36.734, 197.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

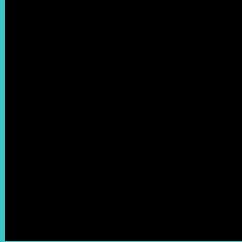
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

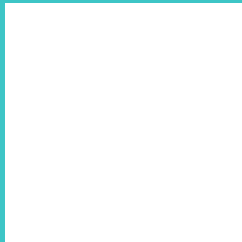
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 36.734, 197.567

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.734, 197.567.

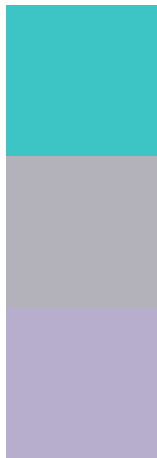


This preview shows how white text looks on a background with the CIELCh color 73, 36.734, 197.567.

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

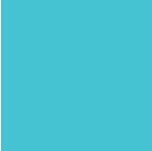
73, 36.734, 197.567

Protanopia

73, 4.964, 299.161

Deuteranopia

72, 17.316, 303.544

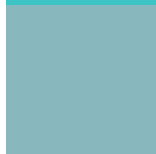


Tritanopia
73, 34.348, 211.882

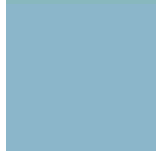
Trichromacy



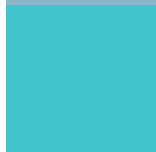
Original Color
73, 36.734, 197.567



Protanomaly
72, 16.517, 209.683



Deuteranomaly
72, 17.576, 237.110

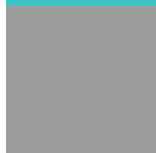


Tritanomaly
73, 35.079, 205.923

Monochromacy



Original Color
73, 36.734, 197.567



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 17.287, 197.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.734, 197.567 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(61, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(61, 197, 198)  
}
```

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(61, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 197, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.734, 197.567 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(61, 197, 198) }
```

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

```
.border{ border-color:rgb(61, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(61, 197,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.734, 197.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 197, 198) }
```

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

```
.background{ background-color: rgb(61, 197,  
198) }
```

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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