

Converting Colors

CIELCh(73, 30.381, 180.350)

Have a look what the booklet for
CIELCh(73, 30.381, 180.350)
contains.

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Color

CIELCh(73, 30.375, 180.374)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6BC3B3 |
| RGB | 107, 195, 179 |
| RGB Percent | 42%, 76%, 70% |
| CMY | 0.5821, 0.2370, 0.2997 |
| CMYK | 0.45, 0.00, 0.08, 0.24 |
| HSL | 169°, 42%, 59% |
| HSV | 169°, 45%, 76% |
| XYZ | 33.5167, 45.1644, 49.3672 |
| YIQ | 166.8640, -47.3120, -23.6320 |

Conversions

Conversions Part 2

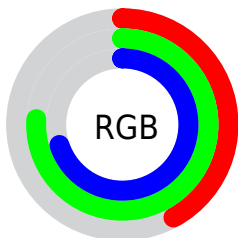
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 107, 155, 195 |
| Decimal | 7062451 |
| CIELab | 73.00, -30.37, -0.20 |
| CIELCh | 73, 30.375, 180.374 |
| Yxy | 45.1644, 0.2618, 0.3527 |
| Android (android.graphics.Color) | 4285252531 (0xFF6BC3B3) |
| YUV | 166.8640, 5.9830, -52.5007 |
| Hunter-Lab | 67.2044, -28.5849, 3.4897 |

Details

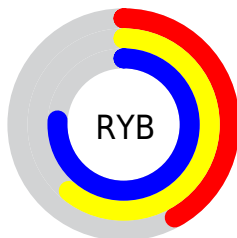
The CIELCh color **73, 30.375, 180.374** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 37.310, 10.537**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 30.343, 180.600**, and **53, 30.481, 179.828** is the 20% darker color. If you saturate the color by 10%, you get **72, 35.650, 179.240**, and if you desaturate by 10%, it is **74, 24.439, 181.424**.

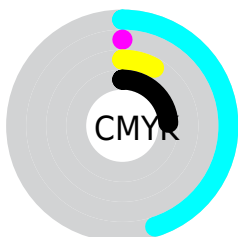
Distribution



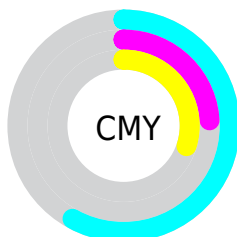
- Red (42%)
- Green (76%)
- Blue (70%)



- Red (42%)
- Yellow (61%)
- Blue (76%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)





- Cyan (58%)
- Magenta (24%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 30.375, 180.374 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, 30.375, 180.374 by changing the saturation by 10% instead.


 73, 30.375,
180.374


 73, 30.375,
180.374


 100, 30.375,
180.374


 63, 30.375,
180.374


 93, 30.375,
180.374

 53, 30.375,
180.374

 43, 30.375,
180.374

 33, 30.375,
180.374

 23, 30.375,
180.374

 13, 30.375,
180.374

 3, 30.375, 180.374

0, 30.375, 180.374

73, 30.375,
180.374

73, 30.375,
180.374

72, 35.650,
179.240

74, 24.439,
181.424

72, 40.162,
178.007

75, 17.958,
182.413

71, 43.848,
176.649

76, 11.056,
183.361

71, 46.695,
175.145

78, 3.851, 184.334

70, 48.761,
173.482

79, 3.552, 4.914

70, 49.597,
172.670

81, 11.065, 5.834

83, 18.615, 6.649

■ 84, 23.486, 5.508

■ 84, 23.914, 1.191

Harmonies

Complementary

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



73, 30.375, 180.374



55, 37.310, 10.537

Rectangle

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



73, 30.375, 180.374



73, 30.375, 230.374



73, 30.375, 0.374



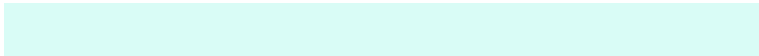
73, 30.375, 50.374

Sweetspot

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



73, 30.376, 180.372



97, 12.577, 183.456



72, 54.201, 136.670



52, 8.721, 183.250



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, 30.376, 180.372



91, 43.136, 179.286



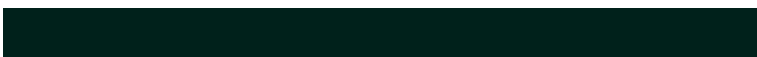
65, 23.645, 239.459



40, 4.139, 183.914



59, 42.896, 172.940



10, 14.129, 177.661

Inverse Universe

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



55, 37.310, 10.537



66, 55.530, 12.682



61, 31.263, 50.878



38, 4.302, 5.446



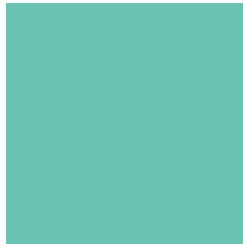
33, 66.204, 30.173



3, 14.241, 9.584

Previews

White Background



This preview shows how the CIE LCh color 73, 30.375, 180.374 looks on a white background.

Color Contrast Check

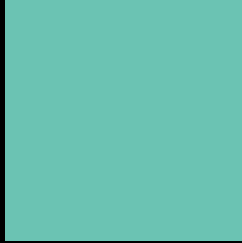
Large Text (above 18pt) WCAG AA × Fail

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, 30.375, 180.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

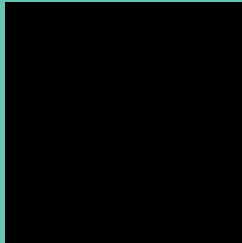
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

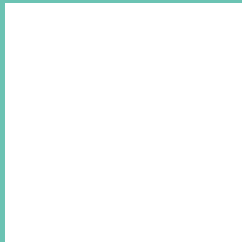
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 30.375, 180.374

Background



This preview shows how black text looks on a background with the CIELCh color 73, 30.375, 180.374.

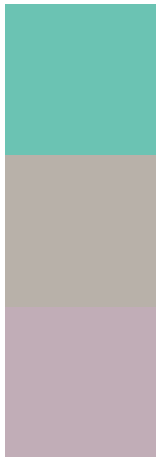


This preview shows how white text looks on a background with the CIELCh color 73, 30.375, 180.374.

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, 30.375, 180.374

Protanopia

73, 5.079, 77.875

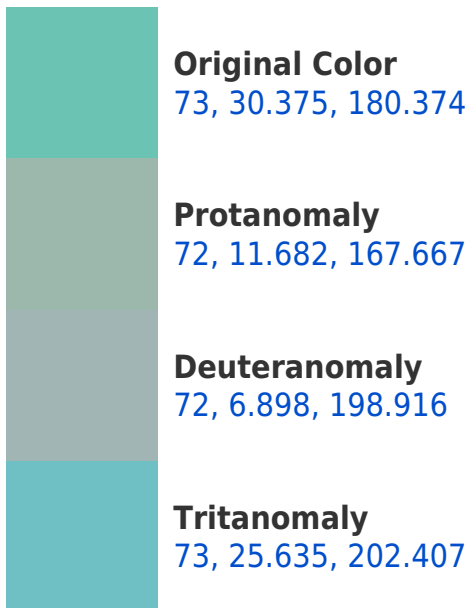
Deuteranopia

73, 9.286, 344.473

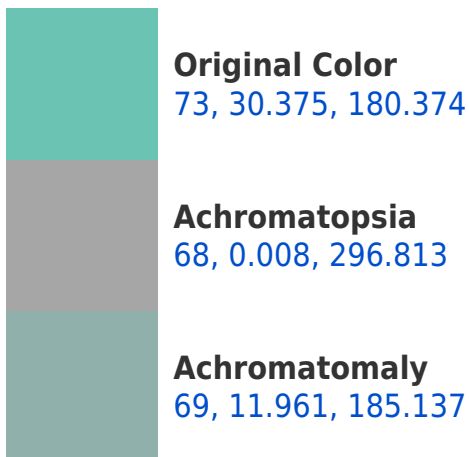


Tritanopia
73, 24.877, 217.022

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 30.375, 180.374 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(107, 195, 179)` looks like.

```
.text, #text, p{  
    color:rgb(107, 195, 179)  
}
```

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(107, 195, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 195, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 30.375, 180.374 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(107, 195, 179) }
```

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

```
.border{ border-color:rgb(107, 195, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 195, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 195, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 195, 179); box-shadow:4px 4px 4px 4px rgb(107, 195, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 30.375, 180.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 195, 179) }
```

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

```
.background{ background-color: rgb(107,  
195, 179) }
```

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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