

Converting Colors

CIELCh(73, 40.380, 170.794)

Have a look what the booklet for
CIELCh(73, 40.380, 170.794)
contains.

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Color

CIELCh(73, 40.359, 170.822)

Conversions

Conversions Part 1

Format	Color
Hex	55C6A6
RGB	85, 198, 166
RGB Percent	33%, 78%, 65%
CMY	0.6659, 0.2229, 0.3484
CMYK	0.57, 0.00, 0.16, 0.22
HSL	163°, 50%, 56%
HSV	163°, 57%, 78%
XYZ	30.8933, 45.1644, 43.2433
YIQ	160.5650, -57.0760, -33.9080

Conversions

Conversions Part 2

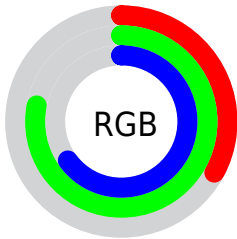
Format	Color
RYB	85, 151, 198
Decimal	5621414
CIELab	73.00, -39.84, 6.44
CIElCh	73, 40.359, 170.822
Yxy	45.1644, 0.2590, 0.3786
Android (android.graphics.Color)	4283811494 (0xFF55C6A6)
YUV	160.5650, 2.6795, -66.2705
Hunter-Lab	67.2044, -35.5529, 8.8924

Details

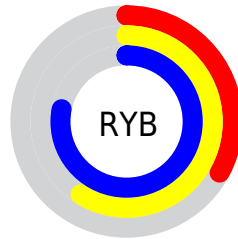
The CIELCh color **73, 40.359, 170.822** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **52, 48.327, 5.467**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.110, 170.892**, and **53, 40.247, 170.922** is the 20% darker color. If you saturate the color by 10%, you get **72, 45.595, 169.317**, and if you desaturate by 10%, it is **74, 34.387, 172.174**.

Distribution



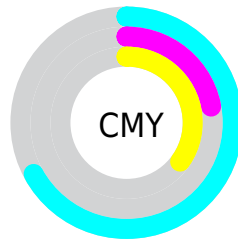
- Red (33%)
- Green (78%)
- Blue (65%)



- Red (33%)
- Yellow (59%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)





- Cyan (67%)
- Magenta (22%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 40.359, 170.822 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, 40.359, 170.822 by changing the saturation by 10% instead.


 73, 40.359,
170.822


 73, 40.359,
170.822


 100, 40.359,
170.822


 63, 40.359,
170.822


 93, 40.359,
170.822

 53, 40.359,
170.822

 43, 40.359,
170.822

 33, 40.359,
170.822

 23, 40.359,
170.822

 13, 40.359,
170.822

 3, 40.359, 170.822

0, 40.359, 170.822

73, 40.359,
170.822

73, 40.359,
170.822

72, 45.595,
169.317

74, 34.387,
172.174

72, 50.025,
167.638

75, 27.787,
173.400

71, 53.635,
165.766

76, 20.686,
174.523

71, 56.505,
163.709

77, 13.215,
175.566

71, 57.302,
163.097

79, 5.498, 176.576

80, 2.359, 357.185

82, 10.266,

358.192

■ 84, 18.150,
359.020

■ 85, 23.022,
356.497

Harmonies

Complementary

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



73, 40.359, 170.822



52, 48.327, 5.467

Rectangle

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



73, 40.359, 170.822



73, 40.359, 220.822



73, 40.359, 350.822



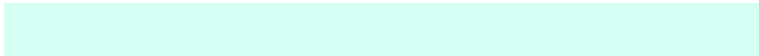
73, 40.359, 40.822

Sweetspot

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



73, 40.360, 170.821



97, 16.198, 175.542



73, 66.174, 133.303



51, 10.808, 175.334



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, 40.360, 170.821



91, 56.279, 168.995



67, 28.288, 226.520



41, 4.450, 176.333



59, 49.364, 163.427



11, 16.476, 168.965

Inverse Universe

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



52, 48.327, 5.467



61, 69.400, 8.866



56, 43.716, 41.633



39, 4.579, 357.955



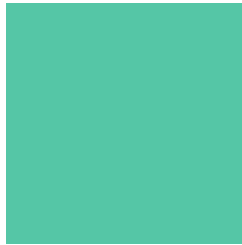
34, 63.106, 22.016



4, 16.453, 5.053

Previews

White Background



This preview shows how the CIELCh color 73, 40.359, 170.822 looks on a white background.

Color Contrast Check

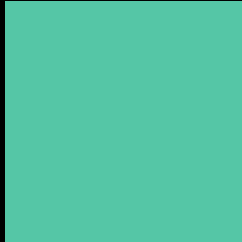
Large Text (above 18pt) WCAG AA × Fail

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, 40.359, 170.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

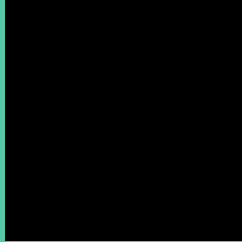
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

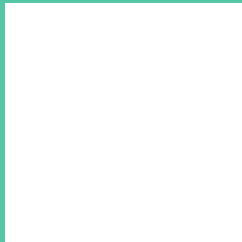
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 40.359, 170.822

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.359, 170.822.

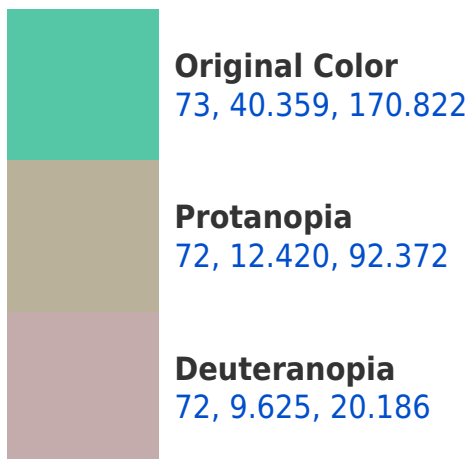


This preview shows how white text looks on a background with the CIELCh color 73, 40.359, 170.822.

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, 28.487, 215.429

Trichromacy



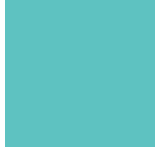
Original Color
73, 40.359, 170.822



Protanomaly
72, 19.645, 151.993



Deuteranomaly
72, 11.706, 164.566



Tritanomaly
73, 30.514, 196.084

Monochromacy



Original Color
73, 40.359, 170.822



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 16.721, 174.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.359, 170.822 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(85, 198, 166)` looks like.

```
.text, #text, p{  
    color:rgb(85, 198, 166)  
}
```

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(85, 198, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 198, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.359, 170.822 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(85, 198, 166) }
```

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

```
.border{ border-color:rgb(85, 198, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 198, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 198, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 198, 166);  
box-shadow:4px 4px 4px 4px rgb(85, 198,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.359, 170.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 198, 166) }
```

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

```
.background{ background-color: rgb(85, 198,  
166) }
```

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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