

Converting Colors

CIELCh(73, 43.979, 170.415)

Have a look what the booklet for
CIELCh(73, 43.979, 170.415)
contains.

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Color

CIELCh(73, 44.338, 169.937)

Conversions

Conversions Part 1

Format	Color
Hex	48C8A4
RGB	72, 200, 164
RGB Percent	28%, 78%, 64%
CMY	0.7194, 0.2171, 0.3582
CMYK	0.64, 0.00, 0.18, 0.22
HSL	163°, 54%, 53%
HSV	163°, 64%, 78%
XYZ	29.8765, 45.1644, 42.0977
YIQ	157.6240, -64.7320, -38.3320

Conversions

Conversions Part 2

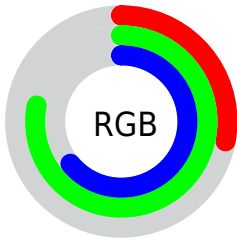
Format	Color
RYB	72, 146, 200
Decimal	4769956
CIELab	73.00, -43.66, 7.75
CIELCh	73, 44.338, 169.937
Yxy	45.1644, 0.2551, 0.3856
Android (android.graphics.Color)	4282960036 (0xFF48C8A4)
YUV	157.6240, 3.1434, -75.0922
Hunter-Lab	67.2044, -38.2535, 9.9031

Details

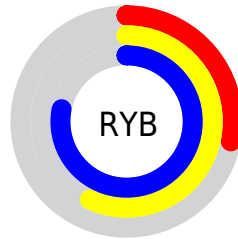
The CIELCh color **73, 44.338, 169.937** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **49, 54.204, 7.563**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 43.159, 171.121**, and **53, 42.058, 168.555** is the 20% darker color. If you saturate the color by 10%, you get **72, 49.008, 168.312**, and if you desaturate by 10%, it is **74, 38.871, 171.392**.

Distribution



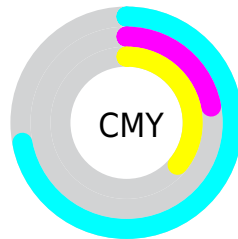
- Red (28%)
- Green (78%)
- Blue (64%)



- Red (28%)
- Yellow (57%)
- Blue (78%)



- Cyan (64%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (72%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 44.338, 169.937 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, 44.338, 169.937 by changing the saturation by 10% instead.

 73, 44.338,
169.937

 73, 44.338,
169.937


 100, 44.338,
169.937

 63, 44.338,
169.937


 93, 44.338,
169.937

 53, 44.338,
169.937

 43, 44.338,
169.937

 33, 44.338,
169.937

 23, 44.338,
169.937

 13, 44.338,
169.937

 3, 44.338, 169.937

0, 44.338, 169.937

73, 44.338,
169.937

73, 44.338,
169.937

72, 49.008,
168.312

74, 38.871,
171.392

72, 52.849,
166.500

75, 32.690,
172.704

72, 55.902,
164.492

76, 25.910,
173.897

72, 57.455,
163.281

77, 18.663,
174.994

78, 11.078,
176.020

80, 3.275, 177.065

■ 81, 4.642, 357.698

■ 83, 12.588,
358.602

■ 85, 20.496,
359.415

Harmonies

Complementary

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



73, 44.338, 169.937



49, 54.204, 7.563

Rectangle

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



73, 44.338, 169.937



73, 44.338, 219.937



73, 44.338, 349.937



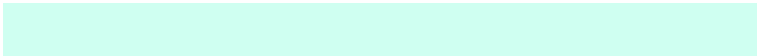
73, 44.338, 39.937

Sweetspot

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



73, 44.338, 169.936



96, 18.033, 175.501



73, 73.741, 132.975



51, 12.362, 175.201



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, 44.338, 169.936



90, 60.876, 167.618



66, 30.699, 227.930



41, 4.444, 176.499



59, 49.218, 163.620



11, 16.439, 169.141

Inverse Universe

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



49, 54.204, 7.563



58, 76.481, 12.374



54, 50.769, 42.075



39, 4.574, 358.120



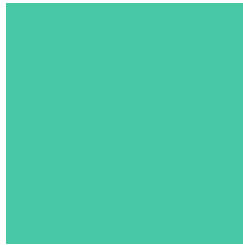
34, 63.180, 22.222



4, 16.444, 5.166

Previews

White Background



This preview shows how the CIELCh color 73, 44.338, 169.937 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 CIE LCh color 73, 44.338, 169.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

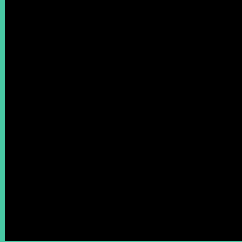
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

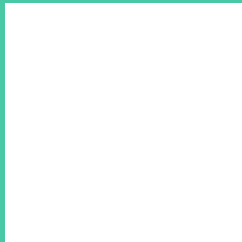
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 44.338, 169.937

Background



This preview shows how black text looks on a background with the CIELCh color 73, 44.338, 169.937.

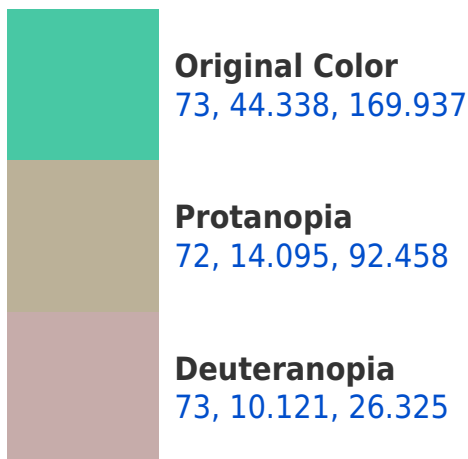


This preview shows how white text looks on a background with the CIELCh color 73, 44.338, 169.937.

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, 30.473, 214.085

Trichromacy



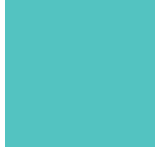
Original Color
73, 44.338, 169.937



Protanomaly
72, 21.878, 151.702



Deuteranomaly
72, 13.550, 164.070

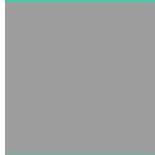


Tritanomaly
73, 33.107, 195.028

Monochromacy



Original Color
73, 44.338, 169.937



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 18.814, 173.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 44.338, 169.937 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, 200, 164)` looks like.

```
.text, #text, p{  
    color:rgb(72, 200, 164)  
}
```

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, 200, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 200, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 44.338, 169.937 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, 200, 164) }
```

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

```
.border{ border-color:rgb(72, 200, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 200, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 200, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 200, 164);  
box-shadow:4px 4px 4px 4px rgb(72, 200,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 44.338, 169.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 200, 164) }
```

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

```
.background{ background-color: rgb(72, 200,  
164) }
```

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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