

Converting Colors

CIELCh(73, 44.343, 169.805)

Have a look what the booklet for
CIELCh(73, 44.343, 169.805)
contains.

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Color

CIELCh(73, 44.664, 169.351)

Conversions

Conversions Part 1

Format	Color
Hex	48C8A3
RGB	72, 200, 163
RGB Percent	28%, 78%, 64%
CMY	0.7191, 0.2169, 0.3619
CMYK	0.64, 0.00, 0.19, 0.22
HSL	163°, 54%, 53%
HSV	163°, 64%, 78%
XYZ	29.8136, 45.1644, 41.6603
YIQ	157.5100, -64.4110, -38.6430

Conversions

Conversions Part 2

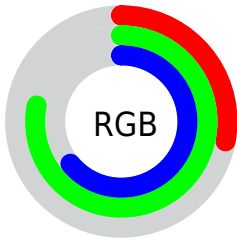
Format	Color
RYB	72, 147, 200
Decimal	4769955
CIELab	73.00, -43.89, 8.25
CIElCh	73, 44.664, 169.351
Yxy	45.1644, 0.2556, 0.3872
Android (android.graphics.Color)	4282960035 (0xFF48C8A3)
YUV	157.5100, 2.7066, -74.9923
Hunter-Lab	67.2044, -38.4207, 10.2890

Details

The CIELCh color **73, 44.664, 169.351** 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, 54.221, 6.943**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 43.452, 170.537**, and **53, 42.425, 167.913** is the 20% darker color. If you saturate the color by 10%, you get **72, 49.405, 167.712**, and if you desaturate by 10%, it is **74, 39.129, 170.817**.

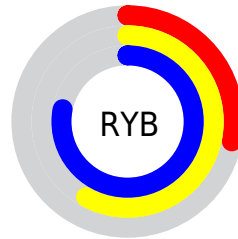
Distribution



Red (28%)

Green (78%)

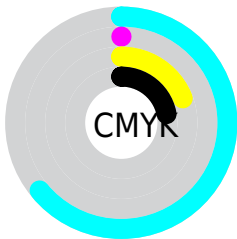
Blue (64%)



Red (28%)

Yellow (58%)

Blue (78%)

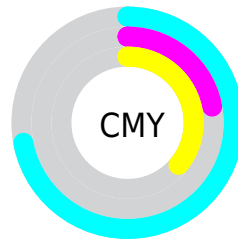


Cyan (64%)

Magenta (0%)

Yellow (19%)

Black (22%)



Cyan (72%)


Magenta (22%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 44.664, 169.351 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, 44.664, 169.351 by changing the saturation by 10% instead.


 73, 44.664,
169.351


 73, 44.664,
169.351


 100, 44.664,
169.351


 63, 44.664,
169.351


 93, 44.664,
169.351

 53, 44.664,
169.351

 43, 44.664,
169.351

 33, 44.664,
169.351

 23, 44.664,
169.351

 13, 44.664,
169.351

 3, 44.664, 169.351

0, 44.664, 169.351

73, 44.664,
169.351

73, 44.664,
169.351

72, 49.405,
167.712

74, 39.129,
170.817

72, 53.319,
165.884

75, 32.883,
172.138

72, 56.446,
163.859

76, 26.045,
173.338

72, 58.049,
162.631

77, 18.744,
174.439

78, 11.111,
175.467

80, 3.268, 176.513

■ 82, 4.684, 357.148

■ 83, 12.659,
358.050

■ 85, 20.590,
358.860

Harmonies

Complementary

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



73, 44.664, 169.351



49, 54.221, 6.943

Rectangle

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



73, 44.664, 169.351



73, 44.664, 219.351



73, 44.664, 349.351



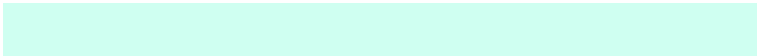
73, 44.664, 39.351

Sweetspot

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



73, 44.664, 169.350



96, 18.122, 174.945



73, 73.381, 132.537



51, 12.424, 174.644



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, 44.664, 169.350



90, 61.386, 167.007



66, 30.757, 225.191



41, 4.464, 175.944



59, 49.708, 162.975



11, 16.564, 168.552

Inverse Universe

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



49, 54.221, 6.943



58, 76.403, 11.721



53, 51.229, 40.820



39, 4.591, 357.567



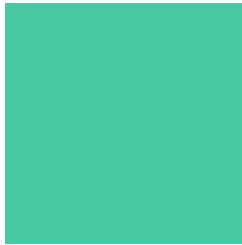
34, 62.935, 21.527



4, 16.474, 4.786

Previews

White Background



This preview shows how the CIELCh color 73, 44.664, 169.351 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, 44.664, 169.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

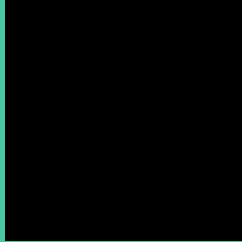
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

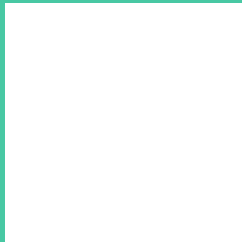
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 44.664, 169.351

Background



This preview shows how black text looks on a background with the CIELCh color 73, 44.664, 169.351.

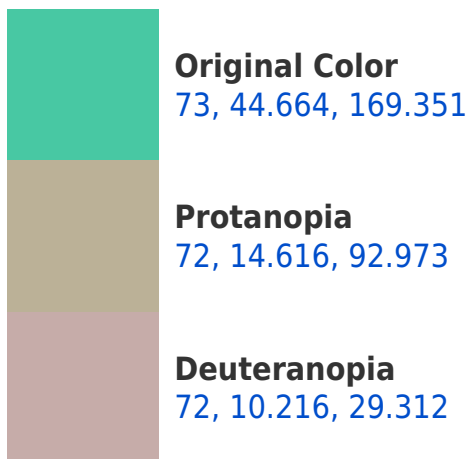


This preview shows how white text looks on a background with the CIELCh color 73, 44.664, 169.351.

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](#).

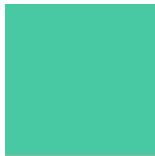
Dichromacy





Tritanopia
73, 30.473, 214.085

Trichromacy



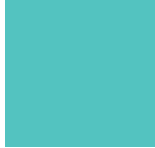
Original Color
73, 44.664, 169.351



Protanomaly
72, 22.290, 150.774



Deuteranomaly
72, 13.888, 162.266



Tritanomaly
73, 33.243, 194.074

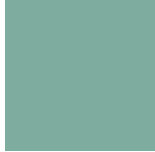
Monochromacy



Original Color
73, 44.664, 169.351



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, 44.664, 169.351 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(72, 200, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 200, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 44.664, 169.351 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, 163) }
```

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

```
.border{ border-color:rgb(72, 200, 163) }
```

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, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 200, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 200, 163);  
box-shadow:4px 4px 4px 4px rgb(72, 200,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 44.664, 169.351 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, 163) }
```

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

```
.background{ background-color: rgb(72, 200,  
163) }
```

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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