

Converting Colors

CIELCh(71, 41.833, 176.750)

Have a look what the booklet for
CIELCh(71, 41.833, 176.750)
contains.

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Color

CIELCh(71, 42.053, 176.388)

Conversions

Conversions Part 1

Format	Color
Hex	3CC2A8
RGB	60, 194, 168
RGB Percent	24%, 76%, 66%
CMY	0.7665, 0.2406, 0.3425
CMYK	0.69, 0.00, 0.13, 0.24
HSL	168°, 53%, 50%
HSV	168°, 69%, 76%
XYZ	28.0854, 42.1875, 43.5438
YIQ	150.9700, -71.5180, -36.4940

Conversions

Conversions Part 2

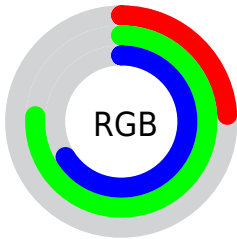
Format	Color
RYB	60, 134, 194
Decimal	3981992
CIELab	71.00, -41.97, 2.65
CIELCh	71, 42.053, 176.388
Yxy	42.1875, 0.2468, 0.3707
Android (android.graphics.Color)	4282172072 (0xFF3CC2A8)
YUV	150.9700, 8.3958, -79.7807
Hunter-Lab	64.9519, -36.4819, 5.7183

Details

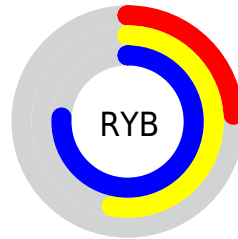
The CIELCh color **71, 42.053, 176.388** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **46, 57.061, 16.007**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 42.042, 176.457**, and **52, 37.723, 174.907** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.484, 174.925**, and if you desaturate by 10%, it is **72, 37.792, 177.708**.

Distribution



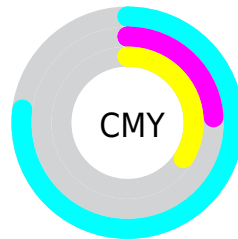
- Red (24%)
- Green (76%)
- Blue (66%)



- Red (24%)
- Yellow (53%)
- Blue (76%)



- Cyan (69%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (77%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 42.053, 176.388 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 71, 42.053, 176.388 by changing the saturation by 10% instead.

 71, 42.053,
176.388

 71, 42.053,
176.388


 100, 42.053,
176.388

 61, 42.053,
176.388


 91, 42.053,
176.388

 51, 42.053,
176.388

 41, 42.053,
176.388

 31, 42.053,
176.388

 21, 42.053,
176.388

 11, 42.053,
176.388

 1, 42.053, 176.388

■ 0, 42.053, 176.388

■ 71, 42.053,
176.388

■ 71, 42.053,
176.388

■ 71, 45.484,
174.925

■ 72, 37.792,
177.708

■ 70, 48.097,
173.304

■ 72, 32.747,
178.911

■ 70, 50.045,
171.546

■ 73, 27.007,
180.020

■ 70, 50.185,
171.416

■ 74, 20.685,
181.054

■ 76, 13.905,
182.032

■ 77, 6.787, 182.987

■ 78, 0.559, 2.895

■ 80, 8.038, 4.568

■ 82, 15.572, 5.409

Harmonies

Complementary

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



71, 42.053, 176.388



46, 57.061, 16.007

Rectangle

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



71, 42.053, 176.388



71, 42.053, 226.388



71, 42.053, 356.388



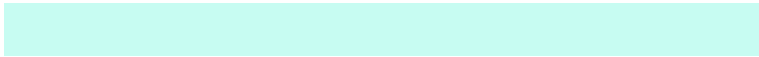
71, 42.053, 46.388

Sweetspot

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



71, 42.053, 176.387



95, 18.738, 181.832



70, 78.331, 134.739



51, 12.713, 181.558



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 42.053, 176.387



89, 57.263, 174.124



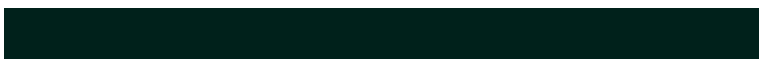
60, 32.284, 243.190



40, 4.161, 182.975



59, 43.549, 171.690



10, 14.272, 176.586

Inverse Universe

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



46, 57.061, 16.007



55, 82.243, 22.187



53, 52.174, 48.800



38, 4.320, 4.525



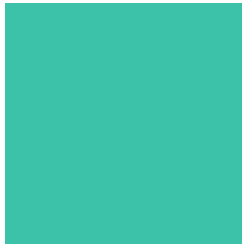
33, 65.688, 29.285



3, 14.271, 8.948

Previews

White Background



This preview shows how the CIELCh color 71, 42.053, 176.388 looks on a white background.

Color Contrast Check

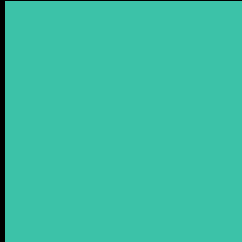
Large Text (above 18pt) WCAG AA × Fail

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 71, 42.053, 176.388 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

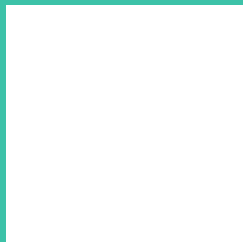
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 42.053, 176.388

Background



This preview shows how black text looks on a background with the CIELCh color 71, 42.053, 176.388.

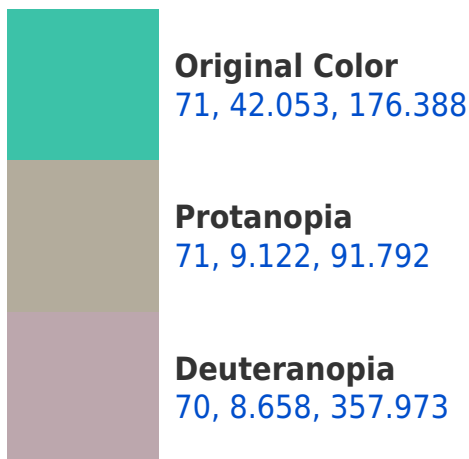


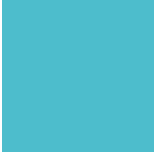
This preview shows how white text looks on a background with the CIELCh color 71, 42.053, 176.388.

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
71, 31.935, 212.195

Trichromacy



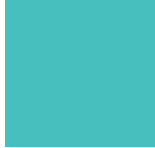
Original Color
71, 42.053, 176.388



Protanomaly
70, 19.658, 163.950



Deuteranomaly
70, 13.447, 184.098



Tritanomaly
71, 34.171, 196.828

Monochromacy



Original Color
71, 42.053, 176.388



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 18.513, 180.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 42.053, 176.388 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(60, 194, 168)` looks like.

```
.text, #text, p{  
    color:rgb(60, 194, 168)  
}
```

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(60, 194, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 194, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 42.053, 176.388 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(60, 194, 168) }
```

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

```
.border{ border-color:rgb(60, 194, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 194, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 194, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 194, 168);  
box-shadow:4px 4px 4px 4px rgb(60, 194,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 42.053, 176.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 194, 168) }
```

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

```
.background{ background-color: rgb(60, 194,  
168) }
```

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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