

Converting Colors

CIELCh(71, 38.536, 176.888)

Have a look what the booklet for
CIELCh(71, 38.536, 176.888)
contains.

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Color

CIELCh(71, 38.396, 177.255)

Conversions

Conversions Part 1

Format	Color
Hex	4BC0A9
RGB	75, 192, 169
RGB Percent	29%, 75%, 66%
CMY	0.7048, 0.2461, 0.3363
CMYK	0.61, 0.00, 0.12, 0.25
HSL	168°, 48%, 52%
HSV	168°, 61%, 75%
XYZ	29.0106, 42.1875, 44.2663
YIQ	154.3950, -62.3490, -31.9570

Conversions

Conversions Part 2

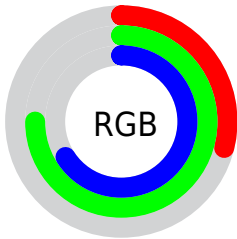
Format	Color
RYB	75, 140, 192
Decimal	4964521
CIELab	71.00, -38.35, 1.84
CIELCh	71, 38.396, 177.255
Yxy	42.1875, 0.2513, 0.3654
Android (android.graphics.Color)	4283154601 (0xFF4BC0A9)
YUV	154.3950, 7.2003, -69.6294
Hunter-Lab	64.9519, -33.9393, 5.0587

Details

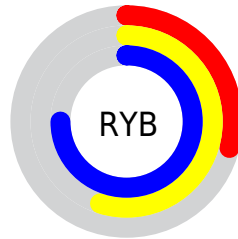
The CIELCh color **71, 38.396, 177.255** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **49, 50.126, 13.113**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 38.425, 177.145**, and **51, 36.925, 176.383** is the 20% darker color. If you saturate the color by 10%, you get **70, 42.529, 175.903**, and if you desaturate by 10%, it is **72, 33.477, 178.482**.

Distribution



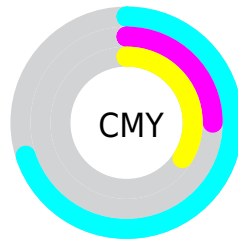
- Red (29%)
- Green (75%)
- Blue (66%)



- Red (29%)
- Yellow (55%)
- Blue (75%)



- Cyan (61%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)





- Cyan (70%)
- Magenta (25%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 38.396, 177.255 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, 38.396, 177.255 by changing the saturation by 10% instead.


 71, 38.396,
177.255


 71, 38.396,
177.255


 100, 38.396,
177.255


 61, 38.396,
177.255


 91, 38.396,
177.255

 51, 38.396,
177.255

 41, 38.396,
177.255

 31, 38.396,
177.255

 21, 38.396,
177.255

 11, 38.396,
177.255

 1, 38.396, 177.255

■ 0, 38.396, 177.255

■ 71, 38.396,
177.255

■ 71, 38.396,
177.255

■ 70, 42.529,
175.903

■ 72, 33.477,
178.482

■ 70, 45.834,
174.407

■ 73, 27.852,
179.610

■ 70, 48.336,
172.748

■ 74, 21.634,
180.659

■ 70, 50.096,
171.122

■ 75, 14.943,
181.648

■ 76, 7.900, 182.605

■ 78, 0.616, 184.231

■ 79, 6.811, 4.200

■ 81, 14.303, 5.055

■ 83, 21.794, 5.856

Harmonies

Complementary

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



71, 38.396, 177.255



49, 50.126, 13.113

Rectangle

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



71, 38.396, 177.255



71, 38.396, 227.255



71, 38.396, 357.255



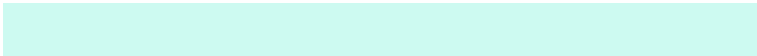
71, 38.396, 47.255

Sweetspot

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



71, 38.396, 177.254



95, 16.044, 181.894



70, 70.033, 135.207



50, 11.087, 181.611



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 38.396, 177.254



89, 53.248, 175.423



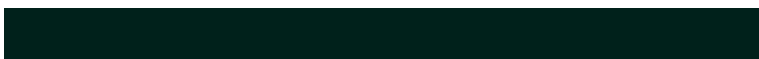
61, 29.355, 240.642



40, 4.166, 182.746



59, 43.712, 171.388



10, 14.308, 176.325

Inverse Universe

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



49, 50.126, 13.113



57, 73.393, 17.564



55, 44.335, 48.875



38, 4.324, 4.300



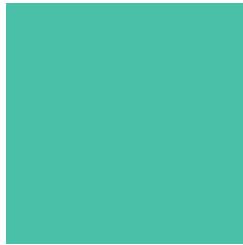
33, 65.563, 29.063



3, 14.279, 8.792

Previews

White Background



This preview shows how the CIELCh color 71, 38.396, 177.255 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, 38.396, 177.255 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

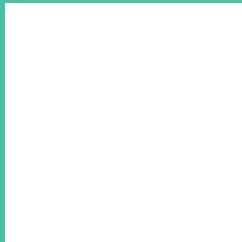
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 38.396, 177.255

Background



This preview shows how black text looks on a background with the CIELCh color 71, 38.396, 177.255.

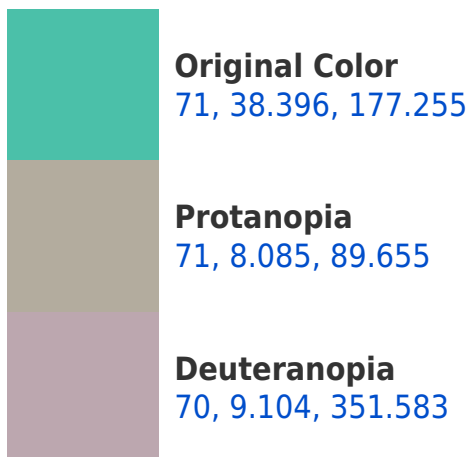


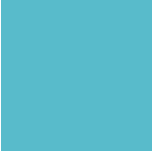
This preview shows how white text looks on a background with the CIELCh color 71, 38.396, 177.255.

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, 29.593, 214.723

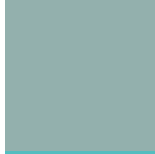
Trichromacy



Original Color
71, 38.396, 177.255



Protanomaly
70, 16.938, 164.686



Deuteranomaly
70, 10.658, 189.648

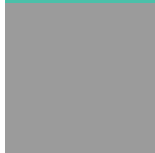


Tritanomaly
71, 31.351, 199.050

Monochromacy



Original Color
71, 38.396, 177.255



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 16.397, 180.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 38.396, 177.255 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(75, 192, 169)` looks like.

```
.text, #text, p{  
    color:rgb(75, 192, 169)  
}
```

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(75, 192, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 192, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 38.396, 177.255 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(75, 192, 169) }
```

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

```
.border{ border-color:rgb(75, 192, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 192, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 192, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 192, 169);  
box-shadow:4px 4px 4px 4px rgb(75, 192,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 38.396, 177.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 192, 169) }
```

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

```
.background{ background-color: rgb(75, 192,  
169) }
```

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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