

Converting Colors

CIELCh(71, 36.859, 179.263)

Have a look what the booklet for
CIELCh(71, 36.859, 179.263)
contains.

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Color

CIELCh(71, 36.846, 179.229)

Conversions

Conversions Part 1

Format	Color
Hex	4FC0AC
RGB	79, 192, 172
RGB Percent	31%, 75%, 67%
CMY	0.6914, 0.2482, 0.3266
CMYK	0.59, 0.00, 0.10, 0.25
HSL	169°, 47%, 53%
HSV	169°, 59%, 75%
XYZ	29.4025, 42.1875, 45.4810
YIQ	155.9330, -60.9280, -30.1760

Conversions

Conversions Part 2

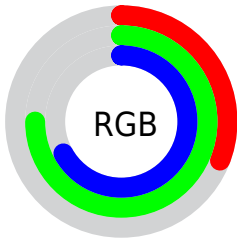
Format	Color
R_{YB}	79, 141, 192
Decimal	5226668
CIE _{Lab}	71.00, -36.84, 0.50
CIE _{LCh}	71, 36.846, 179.229
Yxy	42.1875, 0.2512, 0.3604
Android (android.graphics.Color)	4283416748 (0xFF4FC0AC)
YUV	155.9330, 7.9210, -67.4702
Hunter-Lab	64.9519, -32.8621, 3.9499

Details

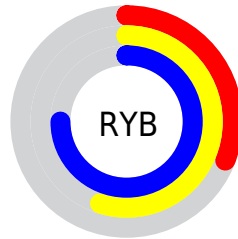
The CIELCh color **71, 36.846, 179.229** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **49, 48.571, 14.114**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 36.999, 178.999**, and **51, 35.991, 178.875** is the 20% darker color. If you saturate the color by 10%, you get **70, 40.975, 177.970**, and if you desaturate by 10%, it is **72, 31.934, 180.379**.

Distribution



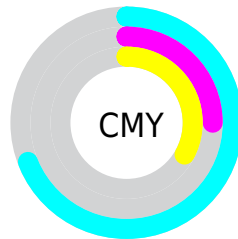
- Red (31%)
- Green (75%)
- Blue (67%)



- Red (31%)
- Yellow (55%)
- Blue (75%)



- Cyan (59%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)





- Cyan (69%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 36.846, 179.229 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, 36.846, 179.229 by changing the saturation by 10% instead.


 71, 36.846,
179.229


 71, 36.846,
179.229


 100, 36.846,
179.229


 61, 36.846,
179.229


 91, 36.846,
179.229

 51, 36.846,
179.229

 41, 36.846,
179.229

 31, 36.846,
179.229

 21, 36.846,
179.229

 11, 36.846,
179.229

 1, 36.846, 179.229

■ 0, 36.846, 179.229

■ 71, 36.846,
179.229

■ 71, 36.846,
179.229

■ 70, 40.975,
177.970

■ 72, 31.934,
180.379

■ 70, 44.275,
176.583

■ 73, 26.326,
181.445

■ 70, 46.758,
175.046

■ 74, 20.133,
182.445

■ 70, 48.567,
173.377

■ 75, 13.476,
183.397

■ 69, 48.745,
173.205

■ 76, 6.474, 184.333

■ 78, 0.765, 4.462

■ 79, 8.146, 5.885

■ 81, 15.592, 6.717

■ 83, 23.041, 7.507

Harmonies

Complementary

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



71, 36.846, 179.229



49, 48.571, 14.114

Rectangle

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



71, 36.846, 179.229



71, 36.846, 229.229



71, 36.846, 359.229



71, 36.846, 49.229

Sweetspot

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



71, 36.846, 179.228



95, 15.888, 183.460



70, 68.321, 135.717



50, 10.974, 183.184



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, 36.846, 179.228



89, 51.404, 177.543



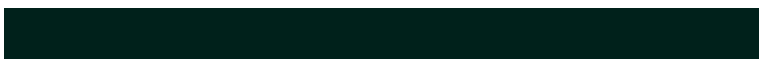
61, 28.888, 242.737



40, 4.130, 184.294



59, 42.639, 173.452



10, 14.072, 178.098

Inverse Universe

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



49, 48.571, 14.114



58, 72.001, 18.353



56, 42.324, 50.417



38, 4.296, 5.817



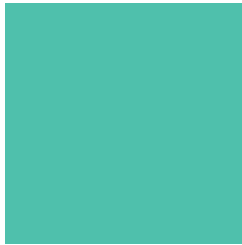
33, 66.414, 30.521



3, 14.229, 9.840

Previews

White Background



This preview shows how the CIELCh color 71, 36.846, 179.229 looks on a white background.

Color Contrast Check

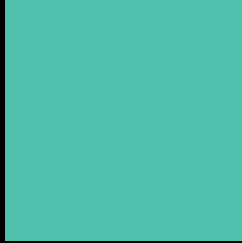
Large Text (above 18pt) WCAG AA × Fail

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, 36.846, 179.229 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

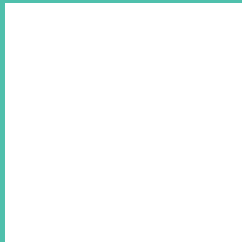
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 36.846, 179.229

Background



This preview shows how black text looks on a background with the CIELCh color 71, 36.846, 179.229.

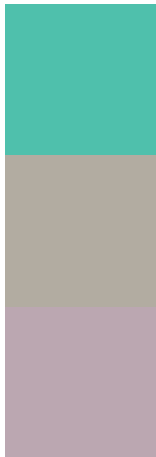


This preview shows how white text looks on a background with the CIELCh color 71, 36.846, 179.229.

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



Original Color
71, 36.846, 179.229

Protanopia
71, 6.412, 88.311

Deuteranopia
70, 9.344, 344.501



Tritanopia
71, 29.161, 213.864

Trichromacy



Original Color
71, 36.846, 179.229



Protanomaly
70, 15.690, 168.858



Deuteranomaly
70, 10.123, 195.493



Tritanomaly
71, 30.752, 199.133

Monochromacy



Original Color
71, 36.846, 179.229



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 15.350, 183.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 36.846, 179.229 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(79, 192, 172)` looks like.

```
.text, #text, p{  
    color:rgb(79, 192, 172)  
}
```

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(79, 192, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 192, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 36.846, 179.229 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(79, 192, 172) }
```

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

```
.border{ border-color:rgb(79, 192, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 192, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 192, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 192, 172);  
box-shadow:4px 4px 4px 4px rgb(79, 192,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 36.846, 179.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 192, 172) }
```

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

```
.background{ background-color: rgb(79, 192,  
172) }
```

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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