

Converting Colors

CIELCh(71, 41.295, 176.841)

Have a look what the booklet for
CIELCh(71, 41.295, 176.841)
contains.

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Color

CIELCh(71, 41.295, 176.841)

Conversions

Conversions Part 1

Format	Color
Hex	3EC1A8
RGB	62, 193, 168
RGB Percent	24%, 76%, 66%
CMY	0.7549, 0.2416, 0.3397
CMYK	0.68, 0.00, 0.13, 0.24
HSL	169°, 52%, 50%
HSV	169°, 68%, 76%
XYZ	28.2723, 42.1875, 43.8759
YIQ	150.9810, -70.0510, -35.5470

Conversions

Conversions Part 2

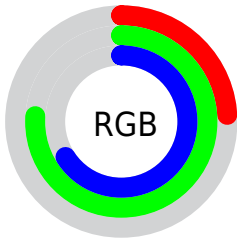
Format	Color
RYB	62, 134, 193
Decimal	4112808
CIELab	71.00, -41.23, 2.28
CIELCh	71, 41.295, 176.841
Yxy	42.1875, 0.2473, 0.3690
Android (android.graphics.Color)	4282302888 (0xFF3EC1A8)
YUV	150.9810, 8.3904, -78.0363
Hunter-Lab	64.9519, -35.9682, 5.4151

Details

The CIELCh color **71, 41.295, 176.841** 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 **46, 55.833, 15.676**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 41.362, 176.896**, and **52, 37.723, 174.907** is the 20% darker color. If you saturate the color by 10%, you get **71, 44.833, 175.412**, and if you desaturate by 10%, it is **72, 36.931, 178.132**.

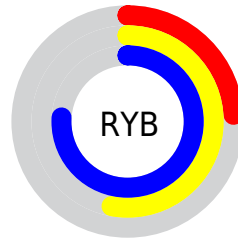
Distribution



Red (24%)

Green (76%)

Blue (66%)



Red (24%)

Yellow (53%)

Blue (76%)

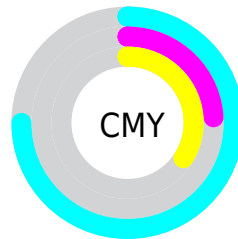


Cyan (68%)

Magenta (0%)

Yellow (13%)

Black (24%)



Cyan (75%)


Magenta (24%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 41.295, 176.841 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, 41.295, 176.841 by changing the saturation by 10% instead.


 71, 41.295,
176.841


 71, 41.295,
176.841


 100, 41.295,
176.841


 61, 41.295,
176.841


 91, 41.295,
176.841

 51, 41.295,
176.841

 41, 41.295,
176.841

 31, 41.295,
176.841

 21, 41.295,
176.841

 11, 41.295,
176.841

 1, 41.295, 176.841

0, 41.295, 176.841

71, 41.295,
176.841

71, 41.295,
176.841

71, 44.833,
175.412

72, 36.931,
178.132

70, 47.546,
173.828

72, 31.794,
179.312

70, 49.538,
172.092

73, 25.978,
180.402

70, 49.962,
171.691

74, 19.598,
181.421

76, 12.778,
182.390

77, 5.636, 183.346

■ 79, 1.720, 3.835

■ 80, 9.198, 4.906

■ 82, 16.722, 5.737

Harmonies

Complementary

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



71, 41.295, 176.841



46, 55.833, 15.676

Rectangle

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



71, 41.295, 176.841



71, 41.295, 226.841



71, 41.295, 356.841



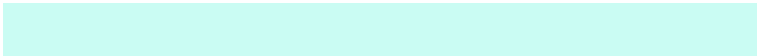
71, 41.295, 46.841

Sweetspot

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



71, 41.295, 176.840



96, 17.856, 182.138



70, 76.855, 134.817



51, 12.212, 181.862



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, 41.295, 176.840



90, 56.439, 174.701



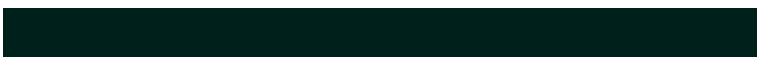
60, 31.763, 242.681



40, 4.156, 183.181



59, 43.405, 171.961



10, 14.240, 176.820

Inverse Universe

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



46, 55.833, 15.676



56, 80.792, 21.455



53, 50.692, 48.811



38, 4.316, 4.727



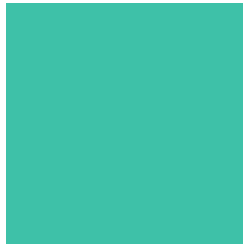
33, 65.800, 29.483



3, 14.264, 9.087

Previews

White Background



This preview shows how the CIELCh color 71, 41.295, 176.841 looks on a white background.

Color Contrast Check

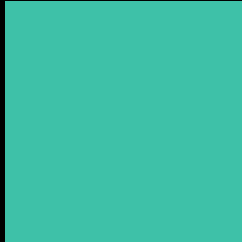
Large Text (above 18pt) WCAG AA × Fail

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, 41.295, 176.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

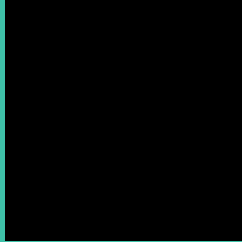
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

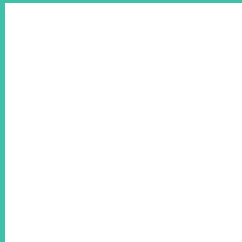
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 41.295, 176.841

Background



This preview shows how black text looks on a background with the CIELCh color 71, 41.295, 176.841.

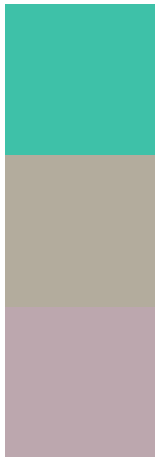


This preview shows how white text looks on a background with the CIELCh color 71, 41.295, 176.841.

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, 41.295, 176.841

Protanopia

71, 8.602, 90.791

Deuteranopia

70, 8.866, 354.697



Tritanopia
71, 31.423, 213.552

Trichromacy



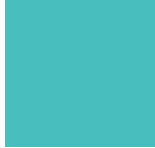
Original Color
71, 41.295, 176.841



Protanomaly
70, 19.035, 164.725



Deuteranomaly
70, 12.949, 186.089



Tritanomaly
71, 33.509, 197.818

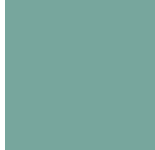
Monochromacy



Original Color
71, 41.295, 176.841



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 17.690, 181.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 41.295, 176.841 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(62, 193, 168)` looks like.

```
.text, #text, p{  
    color:rgb(62, 193, 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(62, 193, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 193, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 41.295, 176.841 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(62, 193, 168) }
```

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

```
.border{ border-color:rgb(62, 193, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 193, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 193, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 193, 168);  
box-shadow:4px 4px 4px 4px rgb(62, 193,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 41.295, 176.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 193, 168) }
```

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

```
.background{ background-color: rgb(62, 193,  
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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