

Converting Colors

CIELCh(71, 12.478, 173.989)

Have a look what the booklet for
CIELCh(71, 12.478, 173.989)
contains.

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Color

CIELCh(71, 12.101, 174.442)

Conversions

Conversions Part 1

Format	Color
Hex	96B4AB
RGB	150, 180, 171
RGB Percent	59%, 71%, 67%
CMY	0.4109, 0.2932, 0.3285
CMYK	0.17, 0.00, 0.05, 0.29
HSL	162°, 17%, 65%
HSV	162°, 17%, 71%
XYZ	36.3572, 42.1875, 44.8667
YIQ	170.0040, -14.9910, -9.1590

Conversions

Conversions Part 2

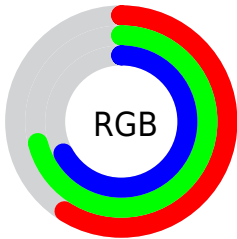
Format	Color
RYB	150, 168, 180
Decimal	9876651
CIELab	71.00, -12.04, 1.17
CIELCh	71, 12.101, 174.442
Yxy	42.1875, 0.2946, 0.3418
Android (android.graphics.Color)	4288066731 (0xFF96B4AB)
YUV	170.0040, 0.4910, -17.5435
Hunter-Lab	64.9519, -13.7496, 4.5107

Details

The CIELCh color **71, 12.101, 174.442** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 12.689, 357.565**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.399, 173.869**, and **51, 11.863, 174.960** is the 20% darker color. If you saturate the color by 10%, you get **70, 19.123, 173.399**, and if you desaturate by 10%, it is **72, 4.871, 175.444**.

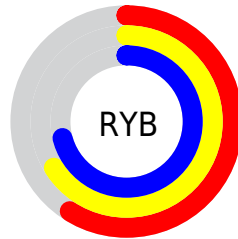
Distribution



Red (59%)

Green (71%)

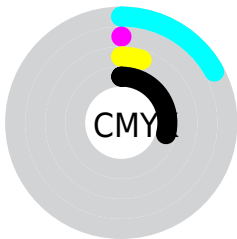
Blue (67%)



Red (59%)

Yellow (66%)

Blue (71%)

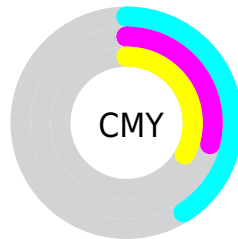


Cyan (17%)

Magenta (0%)

Yellow (5%)

Black (29%)



Cyan (41%)


Magenta (29%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 12.101, 174.442 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, 12.101, 174.442 by changing the saturation by 10% instead.


 71, 12.101,
174.442


 71, 12.101,
174.442


 100, 12.101,
174.442


 61, 12.101,
174.442


 91, 12.101,
174.442

 51, 12.101,
174.442

 41, 12.101,
174.442

 31, 12.101,
174.442

 21, 12.101,
174.442

 11, 12.101,
174.442

 1, 12.101, 174.442

0, 12.101, 174.442

71, 12.101,
174.442

71, 12.101,
174.442

70, 19.123,
173.399

72, 4.871, 175.444

69, 25.821,
172.279

74, 2.472, 356.066

76, 9.848, 357.041

68, 32.077,
171.053

77, 17.191,
357.857

67, 37.772,
169.700

79, 24.455,
358.623

66, 42.803,
168.194

81, 30.439,
358.271

66, 47.101,
166.511

81, 31.440,
353.381

■ 65, 50.648,
164.636

■ 81, 32.672,
348.847

■ 65, 53.508,
162.575

■ 81, 34.111,
344.692

■ 65, 54.407,
161.892

Harmonies

Complementary

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



71, 12.101, 174.442



65, 12.689, 357.565

Rectangle

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



71, 12.101, 174.442



71, 12.101, 224.442



71, 12.101, 354.442



71, 12.101, 44.442

Sweetspot

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



71, 12.102, 174.438



92, 4.541, 175.615



71, 18.158, 134.483



49, 3.095, 175.538



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 12.102, 174.438



89, 17.937, 174.062



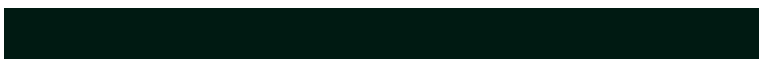
70, 9.176, 218.033



37, 4.110, 175.171



56, 47.984, 162.195



7, 10.676, 169.217

Inverse Universe

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



65, 12.689, 357.565



81, 19.012, 357.991



66, 10.222, 37.391



35, 4.221, 356.767



32, 59.603, 20.186



2, 9.701, 0.859

Previews

White Background



This preview shows how the CIELCh color 71, 12.101, 174.442 looks on a white background.

Color Contrast Check

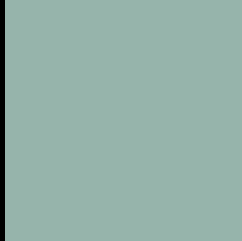
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 12.101, 174.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

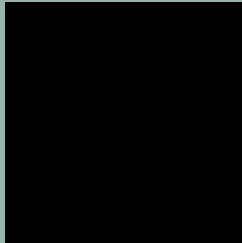
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

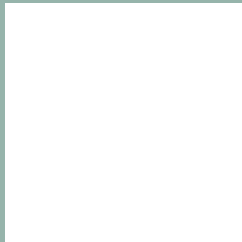
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 12.101, 174.442

Background



This preview shows how black text looks on a background with the CIELCh color 71, 12.101, 174.442.



This preview shows how white text looks on a background with the CIELCh color 71, 12.101, 174.442.

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, 12.101, 174.442

Protanopia
71, 3.767, 79.335

Deuteranopia
71, 9.006, 358.939



Tritanopia
71, 10.929, 243.538

Trichromacy



Original Color
71, 12.101, 174.442

Protanomaly
71, 4.884, 147.830

Deuteranomaly
71, 1.611, 359.444

Tritanomaly
71, 9.385, 219.296

Monochromacy



Original Color
71, 12.101, 174.442

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.678, 171.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 12.101, 174.442 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(150, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(150, 180, 171)  
}
```

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(150, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 180, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 12.101, 174.442 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(150, 180, 171) }
```

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

```
.border{ border-color:rgb(150, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(150, 180,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 12.101, 174.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 180, 171) }
```

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

```
.background{ background-color: rgb(150,  
180, 171) }
```

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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