

Converting Colors

CIELCh(70, 16.030, 173.873)

Have a look what the booklet for
CIELCh(70, 16.030, 173.873)
contains.

CIELCh(70, 16.044, 173.861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 16.044, 173.861)

Conversions

Conversions Part 1

Format	Color
Hex	8BB3A7
RGB	139, 179, 167
RGB Percent	55%, 70%, 65%
CMY	0.4532, 0.2963, 0.3434
CMYK	0.22, 0.00, 0.07, 0.30
HSL	162°, 21%, 63%
HSV	162°, 22%, 70%
XYZ	33.9430, 40.7494, 42.8467
YIQ	165.6720, -19.9880, -12.2120

Conversions

Conversions Part 2

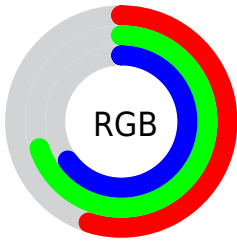
Format	Color
RYB	139, 163, 179
Decimal	9155495
CIELab	70.00, -15.95, 1.72
CIElCh	70, 16.044, 173.861
Yxy	40.7494, 0.2888, 0.3467
Android (android.graphics.Color)	4287345575 (0xFF8BB3A7)
YUV	165.6720, 0.6547, -23.3913
Hunter-Lab	63.8353, -16.7983, 4.8888

Details

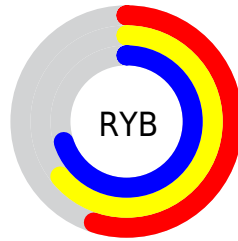
The CIELCh color **70, 16.044, 173.861** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 17.107, 358.224**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 16.189, 173.631**, and **50, 15.967, 173.862** is the 20% darker color. If you saturate the color by 10%, you get **69, 22.874, 172.777**, and if you desaturate by 10%, it is **71, 8.945, 174.871**.

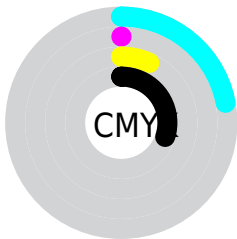
Distribution



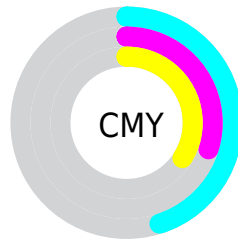
- Red (55%)
- Green (70%)
- Blue (65%)



- Red (55%)
- Yellow (64%)
- Blue (70%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)





- Cyan (45%)
- Magenta (30%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 16.044, 173.861 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 70, 16.044, 173.861 by changing the saturation by 10% instead.


 70, 16.044,
173.861


 70, 16.044,
173.861


 100, 16.044,
173.861


 60, 16.044,
173.861


 90, 16.044,
173.861

 50, 16.044,
173.861

 40, 16.044,
173.861

 30, 16.044,
173.861

 20, 16.044,
173.861

 10, 16.044,
173.861

 0, 16.044, 173.861

70, 16.044,
173.861

70, 16.044,
173.861

69, 22.874,
172.777

71, 8.945, 174.871

68, 29.315,
171.600

73, 1.680, 176.009

74, 5.660, 356.536

67, 35.248,
170.306

76, 13.003,
357.401

66, 40.561,
168.870

78, 20.291,
358.192

66, 45.169,
167.268

80, 27.482,
358.942

65, 49.029,
165.479


81, 31.110,
356.488

65, 52.159,
163.493

81, 32.188,
351.788

65, 54.226,

161.897

 81, 33.486,
347.443

Harmonies

Complementary

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



70, 16.044, 173.861



62, 17.107, 358.224

Rectangle

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



70, 16.044, 173.861



70, 16.044, 223.861



70, 16.044, 353.861



70, 16.044, 43.861

Sweetspot

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



70, 16.045, 173.858



91, 6.296, 175.394



70, 24.254, 134.204



49, 4.123, 175.333



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 16.045, 173.858



88, 23.763, 173.311



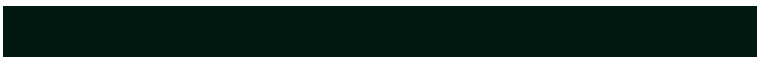
68, 12.037, 218.254



37, 4.110, 175.169



56, 47.986, 162.193



7, 10.676, 169.215

Inverse Universe

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



62, 17.107, 358.224



76, 25.738, 358.878



64, 13.964, 37.433



35, 4.221, 356.765



32, 59.602, 20.183



2, 9.701, 0.857

Previews

White Background



This preview shows how the CIELCh color 70, 16.044, 173.861 looks on a white background.

Color Contrast Check

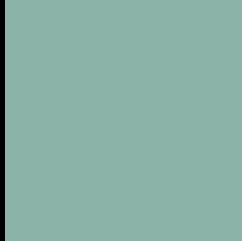
Large Text (above 18pt) WCAG AA × Fail

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 70, 16.044, 173.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

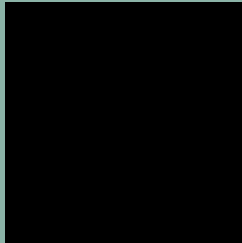
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

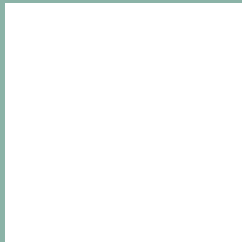
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 16.044, 173.861

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.044, 173.861.

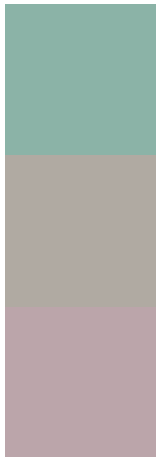


This preview shows how white text looks on a background with the CIELCh color 70, 16.044, 173.861.

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
70, 16.044, 173.861

Protanopia
70, 4.926, 81.692

Deuteranopia
70, 8.867, 2.265



Tritanopia
70, 13.209, 234.363

Trichromacy



Original Color
70, 16.044, 173.861

Protanomaly
70, 6.241, 146.974

Deuteranomaly
70, 0.539, 110.017

Tritanomaly
70, 12.486, 211.217

Monochromacy



Original Color
70, 16.044, 173.861

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.034, 177.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.044, 173.861 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(139, 179, 167)` looks like.

```
.text, #text, p{  
    color:rgb(139, 179, 167)  
}
```

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(139, 179, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 179, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.044, 173.861 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(139, 179, 167) }
```

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

```
.border{ border-color:rgb(139, 179, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 179, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 179, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 179, 167);  
box-shadow:4px 4px 4px 4px rgb(139, 179,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.044, 173.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 179, 167) }
```

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

```
.background{ background-color: rgb(139,  
179, 167) }
```

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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