

Converting Colors

CIELCh(70, 26.390, 172.276)

Have a look what the booklet for
CIELCh(70, 26.390, 172.276)
contains.

CIELCh(70, 26.342, 172.657)	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, 26.342, 172.657)

Conversions

Conversions Part 1

Format	Color
Hex	74B8A4
RGB	116, 184, 164
RGB Percent	45%, 72%, 64%
CMY	0.5445, 0.2778, 0.3563
CMYK	0.37, 0.00, 0.11, 0.28
HSL	162°, 32%, 59%
HSV	162°, 37%, 72%
XYZ	31.1055, 40.7494, 41.4150
YIQ	161.3880, -34.1080, -20.6360

Conversions

Conversions Part 2

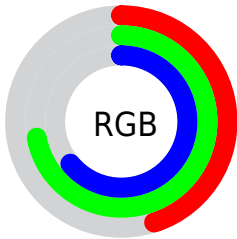
Format	Color
RYB	116, 156, 184
Decimal	7649444
CIELab	70.00, -26.13, 3.37
CIELCh	70, 26.342, 172.657
Yxy	40.7494, 0.2746, 0.3598
Android (android.graphics.Color)	4285839524 (0xFF74B8A4)
YUV	161.3880, 1.2877, -39.8053
Hunter-Lab	63.8353, -24.7327, 6.2186

Details

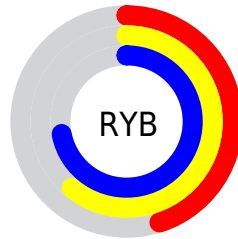
The CIELCh color **70, 26.342, 172.657** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 29.460, 0.673**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 26.281, 173.072**, and **50, 26.735, 172.043** is the 20% darker color. If you saturate the color by 10%, you get **69, 32.651, 171.429**, and if you desaturate by 10%, it is **71, 19.576, 173.777**.

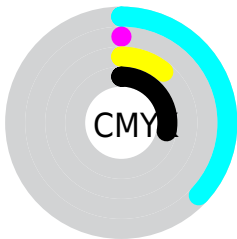
Distribution



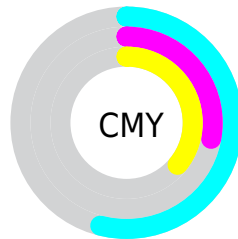
- Red (45%)
- Green (72%)
- Blue (64%)



- Red (45%)
- Yellow (61%)
- Blue (72%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (28%)





- Cyan (54%)
- Magenta (28%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 26.342, 172.657 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, 26.342, 172.657 by changing the saturation by 10% instead.


 70, 26.342,
172.657


 70, 26.342,
172.657


 100, 26.342,
172.657


 60, 26.342,
172.657


 90, 26.342,
172.657

 50, 26.342,
172.657

 40, 26.342,
172.657

 30, 26.342,
172.657

 20, 26.342,
172.657

 10, 26.342,
172.657

 0, 26.342, 172.657

70, 26.342,
172.657

70, 26.342,
172.657

69, 32.651,
171.429

71, 19.576,
173.777

68, 38.379,
170.075

72, 12.473,
174.818

68, 43.426,
168.568

74, 5.148, 175.825

67, 47.722,
166.886

75, 2.299, 356.436

77, 9.784, 357.430

67, 51.251,
165.011

79, 17.241,
358.251

67, 54.087,
162.953

81, 24.622,
359.022

66, 54.905,
162.327

82, 28.975,
356.969

■ 82, 30.055,
351.905

Harmonies

Complementary

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



70, 26.342, 172.657



57, 29.460, 0.673

Rectangle

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



70, 26.342, 172.657



70, 26.342, 222.657



70, 26.342, 352.657



70, 26.342, 42.657

Sweetspot

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



70, 26.343, 172.655



93, 10.095, 175.393



70, 41.098, 133.936



49, 6.771, 175.259



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 26.343, 172.655



88, 38.155, 171.708



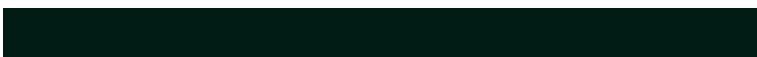
67, 19.137, 221.409



38, 4.192, 175.578



57, 48.238, 162.633



8, 12.440, 168.944

Inverse Universe

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



57, 29.460, 0.673



68, 43.722, 1.998



59, 24.842, 39.342



36, 4.308, 357.181



32, 60.518, 20.803



2, 11.189, 2.104

Previews

White Background



This preview shows how the CIE LCh color 70, 26.342, 172.657 looks on a white background.

Color Contrast Check

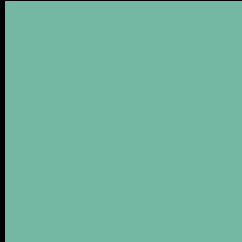
Large Text (above 18pt) WCAG AA × Fail

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 70, 26.342, 172.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

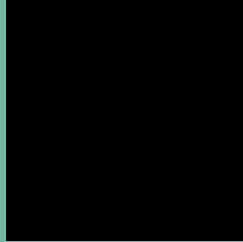
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 26.342, 172.657

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.342, 172.657.

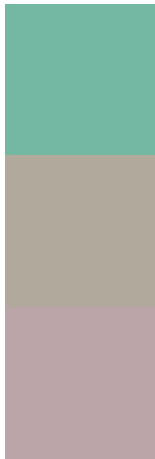


This preview shows how white text looks on a background with the CIELCh color 70, 26.342, 172.657.

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](#).

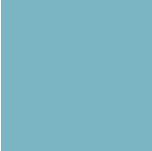
Dichromacy



Original Color
70, 26.342, 172.657

Protanopia
70, 8.103, 89.640

Deuteranopia
70, 8.625, 9.214



Tritanopia
70, 19.826, 221.005

Trichromacy



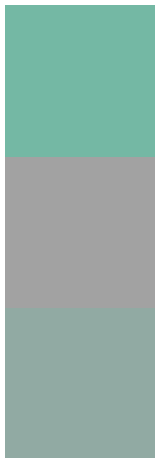
Original Color
70, 26.342, 172.657

Protanomaly
70, 11.644, 149.808

Deuteranomaly
69, 4.981, 165.713

Tritanomaly
70, 20.430, 199.350

Monochromacy



Original Color
70, 26.342, 172.657

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 10.089, 176.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.342, 172.657 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(116, 184, 164)` looks like.

```
.text, #text, p{  
    color:rgb(116, 184, 164)  
}
```

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(116, 184, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 184, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.342, 172.657 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(116, 184, 164) }
```

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

```
.border{ border-color:rgb(116, 184, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 184, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 184, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 184, 164);  
box-shadow:4px 4px 4px 4px rgb(116, 184,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.342, 172.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 184, 164) }
```

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

```
.background{ background-color: rgb(116,  
184, 164) }
```

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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