

Converting Colors

CIE LCh(70, 6.015, 177.606)

Have a look what the booklet for
CIELCh(70, 6.015, 177.606) contains.

CIELCh(70, 6.015, 177.606)	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, 6.015, 177.606)

Conversions

Conversions Part 1

Format	Color
Hex	9FAEAA
RGB	159, 174, 170
RGB Percent	62%, 68%, 67%
CMY	0.3750, 0.3161, 0.3318
CMYK	0.09, 0.00, 0.02, 0.32
HSL	164°, 9%, 65%
HSV	164°, 9%, 68%
XYZ	36.8777, 40.7494, 44.1440
YIQ	169.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

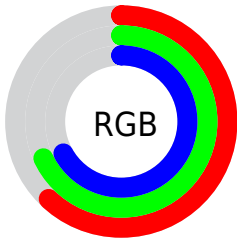
Format	Color
RYB	159, 168, 174
Decimal	10464938
CIELab	70.00, -6.01, 0.25
CIElCh	70, 6.015, 177.606
Yxy	40.7494, 0.3028, 0.3346
Android (android.graphics.Color)	4288655018 (0xFF9FAEAA)
YUV	169.0590, 0.4639, -8.8217
Hunter-Lab	63.8353, -8.5921, 3.6839

Details

The CIELCh color **70, 6.015, 177.606** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 6.184, 359.035**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 5.723, 177.806**, and **50, 6.042, 175.998** is the 20% darker color. If you saturate the color by 10%, you get **69, 12.870, 176.602**, and if you desaturate by 10%, it is **71, 0.986, 357.974**.

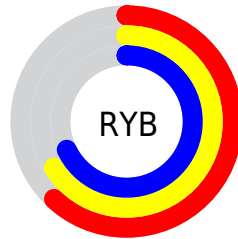
Distribution



Red (62%)

Green (68%)

Blue (67%)



Red (62%)

Yellow (66%)

Blue (68%)

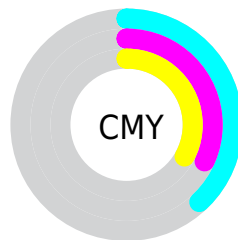


Cyan (9%)

Magenta (0%)

Yellow (2%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.015, 177.606 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, 6.015, 177.606 by changing the saturation by 10% instead.

■ 70, 6.015, 177.606

■ 70, 6.015, 177.606

■ 100, 6.015,
177.606

■ 60, 6.015, 177.606

■ 90, 6.015, 177.606

■ 50, 6.015, 177.606

■ 40, 6.015, 177.606

■ 30, 6.015, 177.606

■ 20, 6.015, 177.606

■ 10, 6.015, 177.606

■ 0, 6.015, 177.606

■ 70, 6.015, 177.606

■ 70, 6.015, 177.606

■ 69, 12.870,

■ 71, 0.986, 357.974

176.602

73, 8.056, 359.218

68, 19.477,
175.567

75, 15.125, 0.053

66, 25.727,
174.455

77, 22.144, 0.838

66, 31.505,
173.244

78, 29.074, 1.585

79, 32.704,
359.790

65, 36.701,
171.911

80, 33.467,
355.783

64, 41.224,
170.432

80, 34.400,
351.988

64, 45.018,
168.785

80, 35.489,
348.426

64, 48.078,
166.952

63, 50.531,
164.967

Harmonies

Complementary

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



70, 6.015, 177.606



67, 6.184, 359.035

Rectangle

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



70, 6.015, 177.606



70, 6.015, 227.606



70, 6.015, 357.606



70, 6.015, 47.606

Sweetspot

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



70, 6.016, 177.596



90, 2.606, 178.234



70, 9.197, 135.911



48, 1.991, 178.120



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 6.016, 177.596



88, 8.650, 177.439



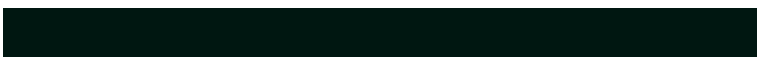
69, 4.639, 221.835



36, 3.937, 177.526



55, 45.441, 164.966



6, 8.813, 172.440

Inverse Universe

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



67, 6.184, 359.035



84, 8.934, 359.203



68, 4.884, 41.100



34, 4.056, 359.110



31, 59.802, 23.033



2, 8.215, 1.912

Previews

White Background



This preview shows how the CIELCh color 70, 6.015, 177.606 looks on a white background.

Color Contrast Check

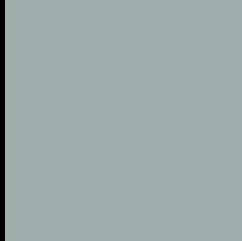
Large Text (above 18pt) WCAG AA × Fail

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, 6.015, 177.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

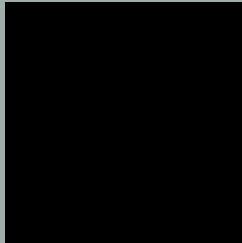
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

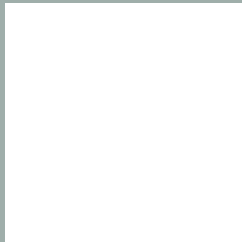
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 6.015, 177.606

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.015, 177.606.

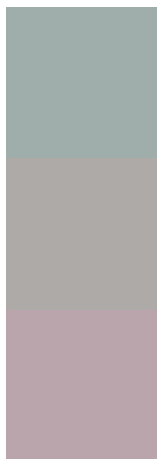


This preview shows how white text looks on a background with the CIELCh color 70, 6.015, 177.606.

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

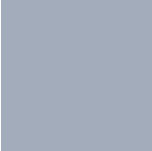
70, 6.015, 177.606

Protanopia

70, 1.859, 55.192

Deuteranopia

70, 9.235, 355.785



Tritanopia
70, 8.387, 265.663

Trichromacy



Original Color
70, 6.015, 177.606

Protanomaly
70, 1.996, 144.462

Deuteranomaly
70, 3.800, 354.041

Tritanomaly
70, 5.740, 241.185

Monochromacy



Original Color
70, 6.015, 177.606

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 1.956, 183.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.015, 177.606 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(159, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(159, 174, 170)  
}
```

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(159, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 174, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.015, 177.606 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(159, 174, 170) }
```

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

```
.border{ border-color:rgb(159, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(159, 174,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.015, 177.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 174, 170) }
```

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

```
.background{ background-color: rgb(159,  
174, 170) }
```

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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