

Converting Colors

CIELCh(70, 17.626, 177.944)

Have a look what the booklet for
CIELCh(70, 17.626, 177.944)
contains.

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Color

CIELCh(70, 17.639, 177.931)

Conversions

Conversions Part 1

Format	Color
Hex	86B4A9
RGB	134, 180, 169
RGB Percent	53%, 71%, 66%
CMY	0.4732, 0.2928, 0.3360
CMYK	0.26, 0.00, 0.06, 0.29
HSL	166°, 24%, 62%
HSV	166°, 26%, 71%
XYZ	33.4643, 40.7494, 43.8000
YIQ	164.9920, -23.8850, -13.1730

Conversions

Conversions Part 2

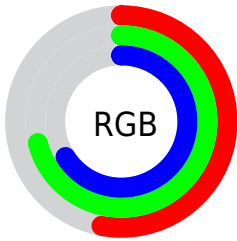
Format	Color
RYB	134, 160, 180
Decimal	8828073
CIELab	70.00, -17.63, 0.64
CIELCh	70, 17.639, 177.931
Yxy	40.7494, 0.2836, 0.3453
Android (android.graphics.Color)	4287018153 (0xFF86B4A9)
YUV	164.9920, 1.9759, -27.1800
Hunter-Lab	63.8353, -18.1368, 4.0034

Details

The CIELCh color **70, 17.639, 177.931** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 19.328, 3.010**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 17.758, 177.616**, and **50, 17.543, 177.986** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.029, 176.864**, and if you desaturate by 10%, it is **71, 10.899, 178.930**.

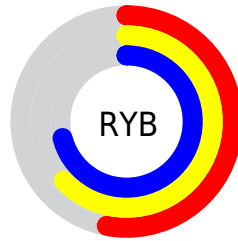
Distribution



Red (53%)

Green (71%)

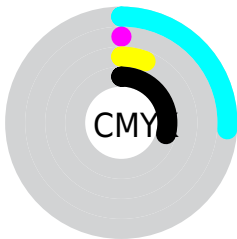
Blue (66%)



Red (53%)

Yellow (63%)

Blue (71%)

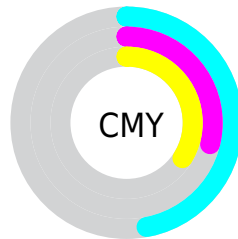


Cyan (26%)

Magenta (0%)

Yellow (6%)

Black (29%)



Cyan (47%)


Magenta (29%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 17.639, 177.931 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, 17.639, 177.931 by changing the saturation by 10% instead.


 70, 17.639,
177.931


 70, 17.639,
177.931


 100, 17.639,
177.931


 60, 17.639,
177.931


 90, 17.639,
177.931

 50, 17.639,
177.931

 40, 17.639,
177.931

 30, 17.639,
177.931

 20, 17.639,
177.931

 10, 17.639,
177.931

 0, 17.639, 177.931

70, 17.639,
177.931

70, 17.639,
177.931

69, 24.029,
176.864

71, 10.899,
178.930

68, 29.949,
175.715

73, 3.915, 179.934

74, 3.214, 0.552

67, 35.286,
174.462

76, 10.408, 1.490

67, 39.940,
173.079

78, 17.600, 2.311

66, 43.844,
171.545

79, 24.743, 3.090

81, 29.790, 2.303

66, 46.981,
169.837

81, 30.409,
358.177

66, 49.401,
167.949

81, 31.191,
354.249

65, 50.377,

Harmonies

Complementary

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



70, 17.639, 177.931



61, 19.328, 3.010

Rectangle

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



70, 17.639, 177.931



70, 17.639, 227.931



70, 17.639, 357.931



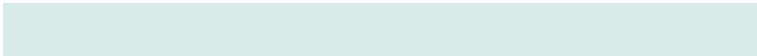
70, 17.639, 47.931

Sweetspot

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



70, 17.640, 177.928



91, 7.018, 179.658



70, 28.428, 136.069



48, 4.976, 179.508



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, 17.640, 177.928



88, 26.218, 177.297



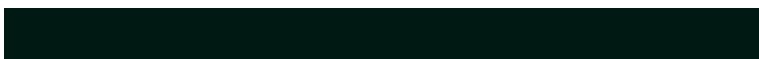
67, 13.342, 227.153



37, 3.974, 179.539



56, 44.450, 167.376



7, 10.215, 173.841

Inverse Universe

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



61, 19.328, 3.010



74, 29.407, 3.843



63, 15.688, 44.476



35, 4.105, 1.116



32, 61.507, 25.455



2, 9.512, 4.418

Previews

White Background



This preview shows how the CIELCh color 70, 17.639, 177.931 looks on a white background.

Color Contrast Check

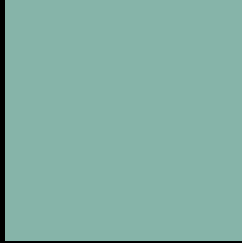
Large Text (above 18pt) WCAG AA × Fail

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, 17.639, 177.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

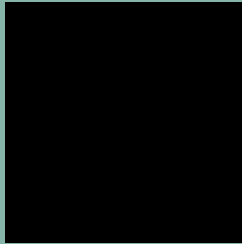
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

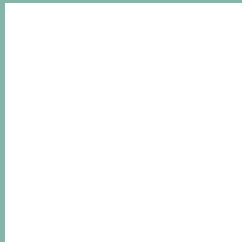
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 17.639, 177.931

Background



This preview shows how black text looks on a background with the CIELCh color 70, 17.639, 177.931.

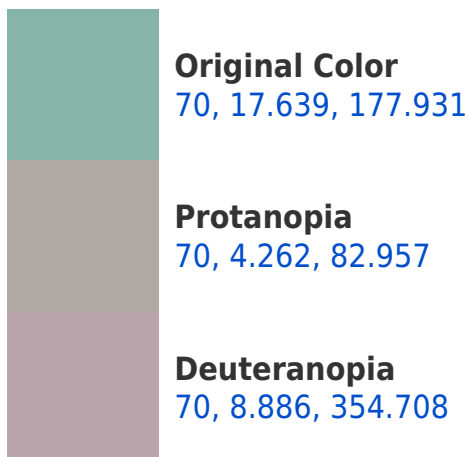


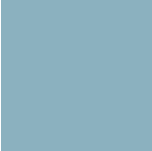
This preview shows how white text looks on a background with the CIELCh color 70, 17.639, 177.931.

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





Tritanopia
70, 14.793, 229.939

Trichromacy



Original Color
70, 17.639, 177.931

Protanomaly
70, 7.255, 156.155

Deuteranomaly
70, 1.495, 199.606

Tritanomaly
70, 14.373, 209.373

Monochromacy



Original Color
70, 17.639, 177.931

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.719, 179.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 17.639, 177.931 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(134, 180, 169)` looks like.

```
.text, #text, p{  
    color:rgb(134, 180, 169)  
}
```

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(134, 180, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 180, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 17.639, 177.931 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(134, 180, 169) }
```

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

```
.border{ border-color:rgb(134, 180, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 180, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 180, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 180, 169);  
box-shadow:4px 4px 4px 4px rgb(134, 180,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 17.639, 177.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 180, 169) }
```

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

```
.background{ background-color: rgb(134,  
180, 169) }
```

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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