

Converting Colors

CIELCh(70, 23.758, 179.950)

Have a look what the booklet for
CIELCh(70, 23.758, 179.950)
contains.

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Color

CIELCh(70, 23.699, 179.927)

Conversions

Conversions Part 1

Format	Color
Hex	76B7AA
RGB	118, 183, 170
RGB Percent	46%, 72%, 67%
CMY	0.5363, 0.2814, 0.3324
CMYK	0.35, 0.00, 0.07, 0.28
HSL	168°, 31%, 59%
HSV	168°, 35%, 72%
XYZ	31.7674, 40.7494, 44.3421
YIQ	162.0830, -34.5670, -17.8230

Conversions

Conversions Part 2

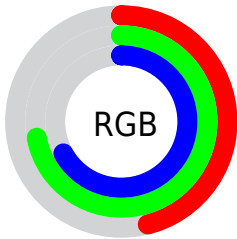
Format	Color
RYB	118, 154, 183
Decimal	7780266
CIELab	70.00, -23.70, 0.03
CIElCh	70, 23.699, 179.927
Yxy	40.7494, 0.2718, 0.3487
Android (android.graphics.Color)	4285970346 (0xFF76B7AA)
YUV	162.0830, 3.9031, -38.6608
Hunter-Lab	63.8353, -22.8818, 3.4999

Details

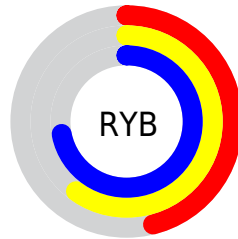
The CIELCh color **70, 23.699, 179.927** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57, 27.489, 7.374**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 23.776, 179.941**, and **50, 23.930, 179.779** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.457, 178.839**, and if you desaturate by 10%, it is **71, 17.438, 180.940**.

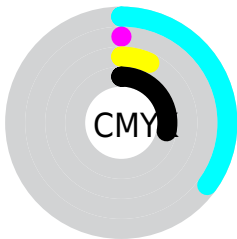
Distribution



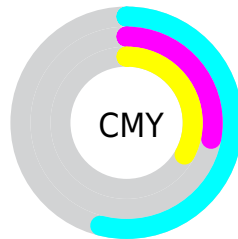
- Red (46%)
- Green (72%)
- Blue (67%)



- Red (46%)
- Yellow (60%)
- Blue (72%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)





- Cyan (54%)
- Magenta (28%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 23.699, 179.927 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, 23.699, 179.927 by changing the saturation by 10% instead.


 70, 23.699,
179.927


 70, 23.699,
179.927


 100, 23.699,
179.927


 60, 23.699,
179.927


 90, 23.699,
179.927

 50, 23.699,
179.927

 40, 23.699,
179.927

 30, 23.699,
179.927

 20, 23.699,
179.927

 10, 23.699,
179.927

 0, 23.699, 179.927

70, 23.699,
179.927

70, 23.699,
179.927

69, 29.457,
178.839

71, 17.438,
180.940

68, 34.597,
177.665

72, 10.791,
181.907

68, 39.025,
176.380

74, 3.867, 182.889

67, 42.676,
174.962

75, 3.232, 3.480

77, 10.424, 4.412

67, 45.537,
173.387

79, 17.641, 5.230

67, 47.663,
171.647

81, 24.829, 6.011

82, 28.324, 4.310

67, 48.506,
170.849

82, 28.779, 0.579

Harmonies

Complementary

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



70, 23.699, 179.927



57, 27.489, 7.374

Rectangle

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



70, 23.699, 179.927



70, 23.699, 229.927



70, 23.699, 359.927



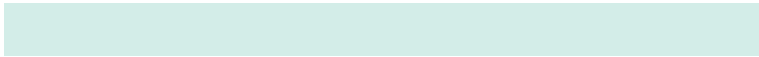
70, 23.699, 49.927

Sweetspot

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



70, 23.700, 179.925



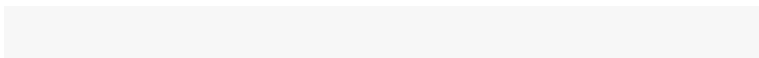
92, 9.517, 182.317



70, 40.369, 136.438



49, 6.435, 182.188



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, 23.700, 179.925



87, 34.552, 179.037



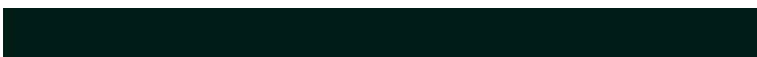
65, 18.149, 232.926



38, 3.991, 182.495



57, 42.840, 171.103



8, 11.604, 176.613

Inverse Universe

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



57, 27.489, 7.374



68, 41.617, 8.810



61, 22.709, 47.779



36, 4.139, 4.039



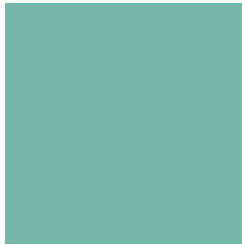
32, 63.804, 28.650



2, 10.906, 7.428

Previews

White Background



This preview shows how the CIELCh color 70, 23.699, 179.927 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, 23.699, 179.927 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

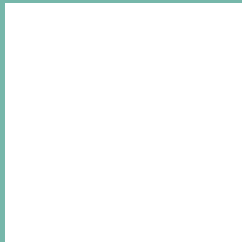
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 23.699, 179.927

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.699, 179.927.

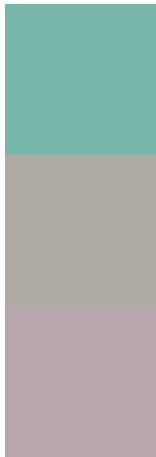


This preview shows how white text looks on a background with the CIELCh color 70, 23.699, 179.927.

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](#).

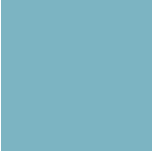
Dichromacy



Original Color
70, 23.699, 179.927

Protanopia
70, 4.262, 82.957

Deuteranopia
70, 9.064, 347.335



Tritanopia
70, 19.566, 221.345

Trichromacy



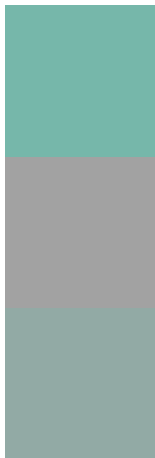
Original Color
70, 23.699, 179.927

Protanomaly
70, 9.307, 166.678

Deuteranomaly
70, 4.090, 206.901

Tritanomaly
70, 19.746, 204.302

Monochromacy



Original Color
70, 23.699, 179.927

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 9.318, 181.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.699, 179.927 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(118, 183, 170)` looks like.

```
.text, #text, p{  
    color:rgb(118, 183, 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(118, 183, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 183, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.699, 179.927 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(118, 183, 170) }
```

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

```
.border{ border-color:rgb(118, 183, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 183, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 183, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 183, 170);  
box-shadow:4px 4px 4px 4px rgb(118, 183,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.699, 179.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 183, 170) }
```

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

```
.background{ background-color: rgb(118,  
183, 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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