

Converting Colors

CIELCh(70, 17.999, 205.060)

Have a look what the booklet for
CIELCh(70, 17.999, 205.060)
contains.

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Color

CIELCh(70, 17.999, 205.060)

Conversions

Conversions Part 1

Format	Color
Hex	7FB4B8
RGB	127, 180, 184
RGB Percent	50%, 71%, 72%
CMY	0.5010, 0.2931, 0.2774
CMYK	0.31, 0.02, 0.00, 0.28
HSL	184°, 29%, 61%
HSV	184°, 31%, 72%
XYZ	33.8419, 40.7494, 51.5710
YIQ	164.6090, -32.8720, -9.9920

Conversions

Conversions Part 2

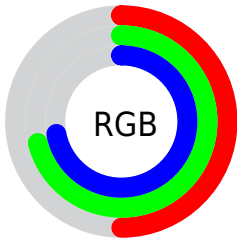
Format	Color
RYB	127, 154, 184
Decimal	8369336
CIELab	70.00, -16.30, -7.62
CIElCh	70, 17.999, 205.060
Yxy	40.7494, 0.2682, 0.3230
Android (android.graphics.Color)	4286559416 (0xFF7FB4B8)
YUV	164.6090, 9.5598, -32.9831
Hunter-Lab	63.8353, -17.0811, -3.2143

Details

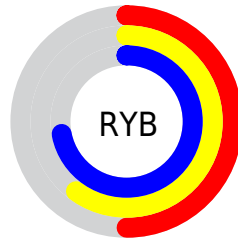
The CIELCh color **70, 17.999, 205.060** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 22.366, 27.381**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 18.170, 204.875**, and **50, 17.942, 205.189** is the 20% darker color. If you saturate the color by 10%, you get **69, 22.797, 205.036**, and if you desaturate by 10%, it is **71, 12.632, 205.191**.

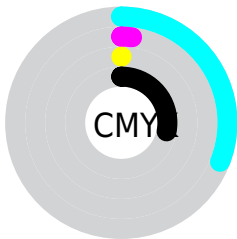
Distribution



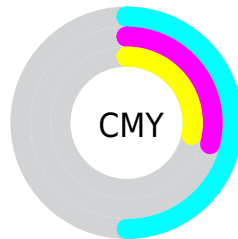
- Red (50%)
- Green (71%)
- Blue (72%)



- Red (50%)
- Yellow (60%)
- Blue (72%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (50%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 17.999, 205.060 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, 17.999, 205.060 by changing the saturation by 10% instead.

■ 70, 17.999,
205.060

■ 70, 17.999,
205.060

■ 100, 17.999,
205.060

■ 60, 17.999,
205.060

■ 90, 17.999,
205.060

■ 50, 17.999,
205.060

■ 40, 17.999,
205.060

■ 30, 17.999,
205.060

■ 20, 17.999,
205.060

■ 10, 17.999,
205.060

■ 0, 17.999, 205.060

70, 17.999,
205.060

70, 17.999,
205.060

69, 22.797,
205.036

71, 12.632,
205.191

68, 26.927,
205.150

73, 6.799, 205.439

75, 0.597, 206.521

67, 30.305,
205.421

77, 5.885, 25.894

66, 32.873,
205.872

78, 12.570, 26.322

65, 34.614,
206.528

81, 19.394, 26.747

83, 25.812, 27.258

64, 35.565,
207.409

83, 25.413, 28.809

64, 35.921,
208.373

83, 25.034, 30.409

Harmonies

Complementary

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



70, 17.999, 205.060



60, 22.366, 27.381

Rectangle

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



70, 17.999, 205.060



70, 17.999, 255.060



70, 17.999, 25.060



70, 17.999, 75.060

Sweetspot

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



70, 17.999, 205.056



93, 6.960, 205.499



70, 36.254, 144.086



49, 4.815, 205.450



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, 17.999, 205.056



88, 25.911, 205.029



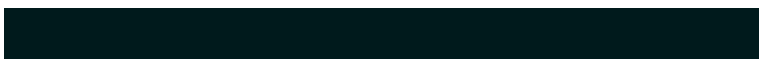
62, 19.628, 267.196



38, 3.526, 205.492



55, 31.726, 208.203



7, 9.462, 207.881

Inverse Universe

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



61, 36.179, 328.124



74, 53.318, 328.496



67, 20.646, 78.280



36, 6.587, 326.885



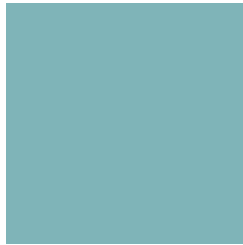
36, 75.667, 331.193



3, 17.527, 327.557

Previews

White Background



This preview shows how the CIELCh color 70, 17.999, 205.060 looks on a white background.

Color Contrast Check

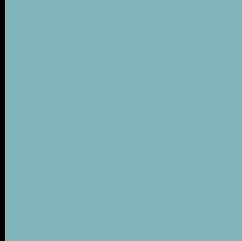
Large Text (above 18pt) WCAG AA × Fail

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, 17.999, 205.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

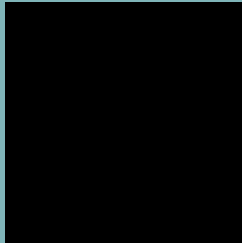
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

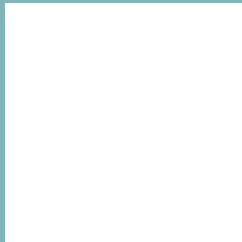
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 17.999, 205.060

Background



This preview shows how black text looks on a background with the CIELCh color 70, 17.999, 205.060.

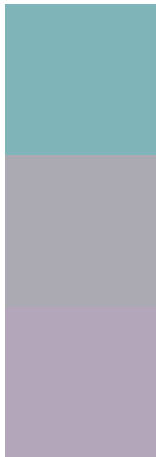


This preview shows how white text looks on a background with the CIELCh color 70, 17.999, 205.060.

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, 17.999, 205.060

Protanopia
70, 5.006, 299.175

Deuteranopia
70, 12.524, 313.570



Tritanopia
70, 17.991, 223.641

Trichromacy



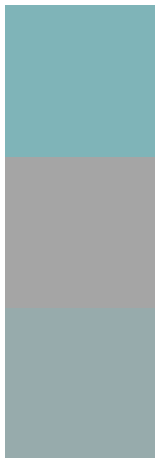
Original Color
70, 17.999, 205.060

Protanomaly
70, 7.446, 230.114

Deuteranomaly
70, 9.028, 265.216

Tritanomaly
70, 17.833, 218.057

Monochromacy



Original Color
70, 17.999, 205.060

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.305, 203.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 17.999, 205.060 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(127, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(127, 180, 184)  
}
```

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(127, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 180, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 17.999, 205.060 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(127, 180, 184) }
```

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

```
.border{ border-color:rgb(127, 180, 184) }
```

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

Here you see how a box with a 4 pixel rgb(127, 180, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(127, 180,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 17.999, 205.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 180, 184) }
```

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

```
.background{ background-color: rgb(127,  
180, 184) }
```

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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