

Converting Colors

CIELCh(70, 16.342, 205.177)

Have a look what the booklet for
CIELCh(70, 16.342, 205.177)
contains.

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Color

CIELCh(70, 16.194, 205.988)

Conversions

Conversions Part 1

Format	Color
Hex	84B3B7
RGB	132, 179, 183
RGB Percent	52%, 70%, 72%
CMY	0.4810, 0.2966, 0.2810
CMYK	0.28, 0.02, 0.00, 0.28
HSL	185°, 26%, 62%
HSV	185°, 28%, 72%
XYZ	34.3451, 40.7494, 51.0489
YIQ	165.4030, -29.2960, -8.7200

Conversions

Conversions Part 2

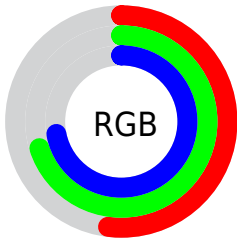
Format	Color
RYB	132, 156, 183
Decimal	8696759
CIELab	70.00, -14.56, -7.10
CIELCh	70, 16.194, 205.988
Yxy	40.7494, 0.2723, 0.3230
Android (android.graphics.Color)	4286886839 (0xFF84B3B7)
YUV	165.4030, 8.6753, -29.2944
Hunter-Lab	63.8353, -15.6738, -2.7294

Details

The CIELCh color **70, 16.194, 205.988** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 19.644, 27.812**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 16.359, 205.726**, and **50, 16.231, 206.157** is the 20% darker color. If you saturate the color by 10%, you get **69, 21.124, 205.974**, and if you desaturate by 10%, it is **72, 10.734, 206.111**.

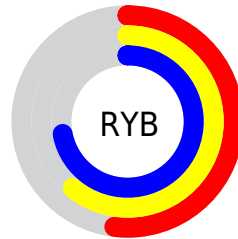
Distribution



Red (52%)

Green (70%)

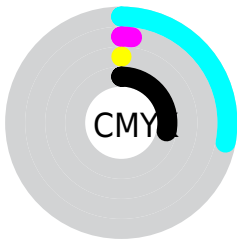
Blue (72%)



Red (52%)

Yellow (61%)

Blue (72%)

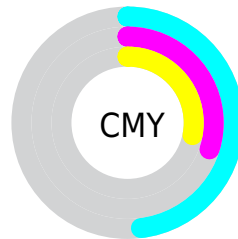


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (48%)


Magenta (30%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 16.194, 205.988 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, 16.194, 205.988 by changing the saturation by 10% instead.


 70, 16.194,
205.988


 70, 16.194,
205.988


 100, 16.194,
205.988


 60, 16.194,
205.988


 90, 16.194,
205.988

 50, 16.194,
205.988

 40, 16.194,
205.988

 30, 16.194,
205.988

 20, 16.194,
205.988

 10, 16.194,
205.988

 0, 16.194, 205.988

70, 16.194,
205.988

70, 16.194,
205.988

69, 21.124,
205.974

72, 10.734,
206.111

67, 25.423,
206.101

73, 4.844, 206.370

75, 1.382, 26.155

66, 29.002,
206.389

77, 7.860, 26.790

65, 31.793,
206.865

79, 14.520, 27.184

65, 33.766,
207.556

81, 21.302, 27.589

83, 25.884, 28.406

64, 34.937,
208.490

83, 25.457, 30.147

63, 35.422,
209.668

83, 25.055, 31.947

63, 35.497,

Harmonies

Complementary

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



70, 16.194, 205.988



61, 19.644, 27.812

Rectangle

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



70, 16.194, 205.988



70, 16.194, 255.988



70, 16.194, 25.988



70, 16.194, 75.988

Sweetspot

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



70, 16.194, 205.983



92, 6.104, 206.359



70, 32.495, 144.361



49, 4.356, 206.308



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, 16.194, 205.983



87, 23.145, 205.963



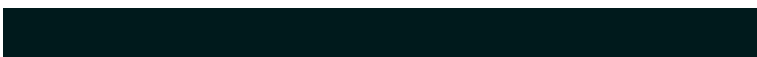
63, 17.580, 266.583



38, 3.500, 206.318



54, 31.467, 209.747



7, 9.362, 209.173

Inverse Universe

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



62, 32.258, 328.199



75, 47.039, 328.524



68, 18.389, 78.696



36, 6.549, 327.129



36, 75.185, 331.572



3, 17.378, 327.924

Previews

White Background



This preview shows how the CIELCh color 70, 16.194, 205.988 looks on a white background.

Color Contrast Check

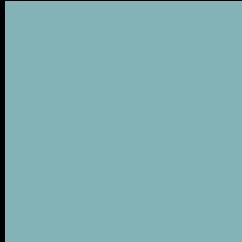
Large Text (above 18pt) WCAG AA × Fail

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, 16.194, 205.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

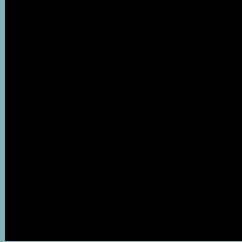
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

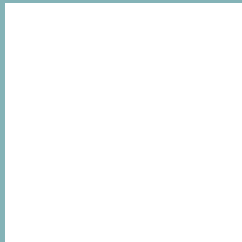
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 16.194, 205.988

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.194, 205.988.

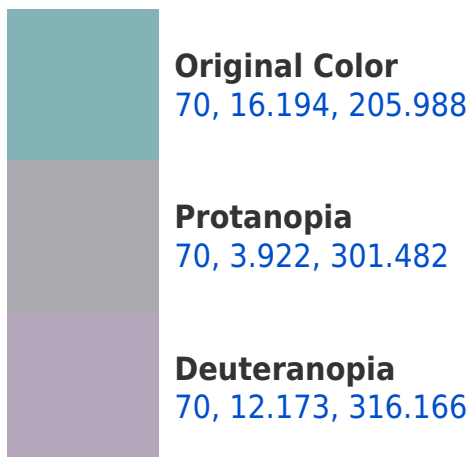


This preview shows how white text looks on a background with the CIELCh color 70, 16.194, 205.988.

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, 16.394, 226.448

Trichromacy



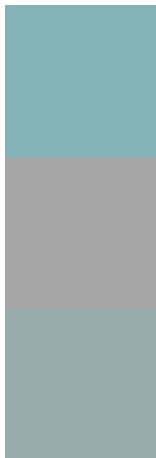
Original Color
70, 16.194, 205.988

Protanomaly
70, 6.288, 230.686

Deuteranomaly
70, 8.135, 270.243

Tritanomaly
70, 16.156, 220.355

Monochromacy



Original Color
70, 16.194, 205.988

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.243, 204.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.194, 205.988 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(132, 179, 183)` looks like.

```
.text, #text, p{  
    color:rgb(132, 179, 183)  
}
```

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(132, 179, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 179, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.194, 205.988 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(132, 179, 183) }
```

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

```
.border{ border-color:rgb(132, 179, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 179, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 179, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 179, 183);  
box-shadow:4px 4px 4px 4px rgb(132, 179,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.194, 205.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 179, 183) }
```

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

```
.background{ background-color: rgb(132,  
179, 183) }
```

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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