

Converting Colors

CIELCh(72, 19.962, 206.084)

Have a look what the booklet for
CIELCh(72, 19.962, 206.084)
contains.

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Color

CIELCh(72, 19.991, 205.797)

Conversions

Conversions Part 1

Format	Color
Hex	7FBBC0
RGB	127, 187, 192
RGB Percent	50%, 73%, 75%
CMY	0.5034, 0.2681, 0.2485
CMYK	0.34, 0.03, 0.00, 0.25
HSL	185°, 34%, 62%
HSV	185°, 34%, 75%
XYZ	35.8653, 43.6590, 56.1924
YIQ	169.6300, -37.3650, -11.1650

Conversions

Conversions Part 2

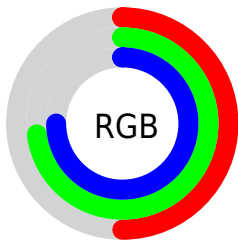
Format	Color
RYB	127, 158, 192
Decimal	8371136
CIELab	72.00, -18.00, -8.70
CIELCh	72, 19.991, 205.797
Yxy	43.6590, 0.2643, 0.3217
Android (android.graphics.Color)	4286561216 (0xFF7FBBC0)
YUV	169.6300, 11.0284, -37.3865
Hunter-Lab	66.0750, -18.7420, -4.1697

Details

The CIELCh color **72, 19.991, 205.797** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 25.474, 28.210**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 19.899, 205.702**, and **52, 20.078, 205.885** is the 20% darker color. If you saturate the color by 10%, you get **71, 24.713, 205.857**, and if you desaturate by 10%, it is **73, 14.652, 205.858**.

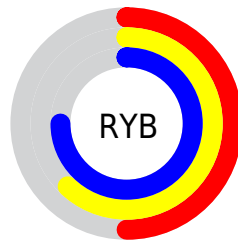
Distribution



Red (50%)

Green (73%)

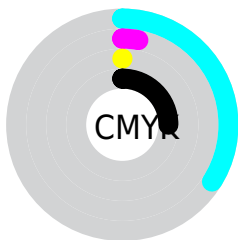
Blue (75%)



Red (50%)

Yellow (62%)

Blue (75%)

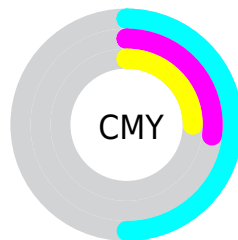


Cyan (34%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (50%)


Magenta (27%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 19.991, 205.797 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 72, 19.991, 205.797 by changing the saturation by 10% instead.


 72, 19.991,
205.797


 72, 19.991,
205.797


 100, 19.991,
205.797


 62, 19.991,
205.797


 92, 19.991,
205.797

 52, 19.991,
205.797

 42, 19.991,
205.797

 32, 19.991,
205.797

 22, 19.991,
205.797

 12, 19.991,
205.797

 2, 19.991, 205.797

0, 19.991, 205.797

72, 19.991,
205.797

72, 19.991,
205.797

71, 24.713,
205.857

73, 14.652,
205.858

69, 28.719,
206.070

75, 8.800, 206.038

68, 31.927,
206.459

77, 2.540, 206.425

79, 4.035, 26.378

68, 34.290,
207.052

81, 10.841, 26.810

67, 35.805,
207.876

83, 17.810, 27.212

84, 22.603, 28.108

66, 36.531,
208.951

85, 22.168, 30.169

■ 66, 36.728,
209.694

■ 85, 21.764, 32.311

Harmonies

Complementary

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



72, 19.991, 205.797



61, 25.474, 28.210

Rectangle

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



72, 19.991, 205.797



72, 19.991, 255.797



72, 19.991, 25.797



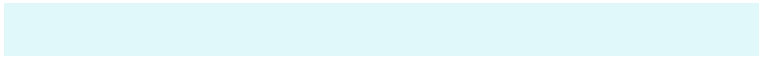
72, 19.991, 75.797

Sweetspot

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



72, 19.991, 205.793



96, 7.929, 206.140



72, 40.977, 143.804



51, 5.388, 206.098



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 19.991, 205.793



90, 28.946, 205.830



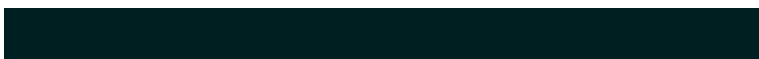
63, 22.212, 267.829



40, 3.664, 206.165



56, 32.262, 209.503



10, 11.425, 206.429

Inverse Universe

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



61, 40.684, 328.504



75, 60.538, 328.937



69, 23.492, 77.870



38, 6.856, 327.088



37, 77.066, 331.512



4, 22.545, 329.049

Previews

White Background



This preview shows how the CIELCh color 72, 19.991, 205.797 looks on a white background.

Color Contrast Check

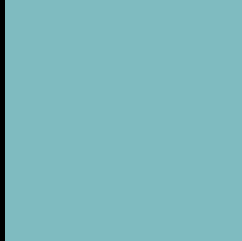
Large Text (above 18pt) WCAG AA × Fail

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 72, 19.991, 205.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

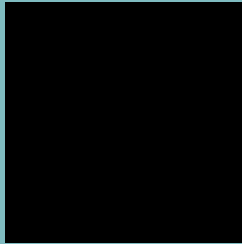
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

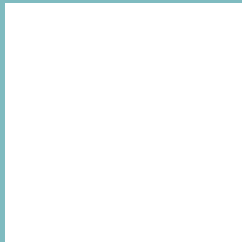
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 19.991, 205.797

Background



This preview shows how black text looks on a background with the CIELCh color 72, 19.991, 205.797.

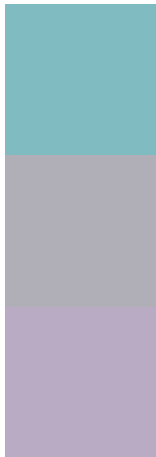


This preview shows how white text looks on a background with the CIELCh color 72, 19.991, 205.797.

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](#).

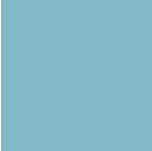
Dichromacy



Original Color
72, 19.991, 205.797

Protanopia
72, 4.929, 294.939

Deuteranopia
72, 13.978, 311.036



Tritanopia
72, 19.690, 222.843

Trichromacy



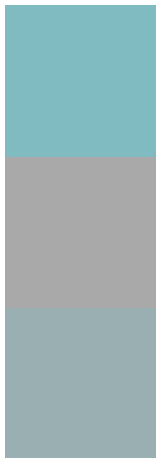
Original Color
72, 19.991, 205.797

Protanomaly
72, 8.547, 229.709

Deuteranomaly
72, 10.380, 262.735

Tritanomaly
72, 19.716, 215.857

Monochromacy



Original Color
72, 19.991, 205.797

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 7.657, 207.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 19.991, 205.797 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, 187, 192)` looks like.

```
.text, #text, p{  
    color:rgb(127, 187, 192)  
}
```

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, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 187, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 19.991, 205.797 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, 187, 192) }
```

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

```
.border{ border-color:rgb(127, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(127, 187,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 19.991, 205.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 187, 192) }
```

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

```
.background{ background-color: rgb(127,  
187, 192) }
```

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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