

Converting Colors

CIELCh(71, 21.639, 197.698)

Have a look what the booklet for
CIELCh(71, 21.639, 197.698)
contains.

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Color

CIELCh(71, 21.626, 197.721)

Conversions

Conversions Part 1

Format	Color
Hex	78B9B9
RGB	120, 185, 185
RGB Percent	47%, 73%, 73%
CMY	0.5295, 0.2745, 0.2745
CMYK	0.35, 0.00, 0.00, 0.27
HSL	180°, 32%, 60%
HSV	180°, 35%, 73%
XYZ	33.8462, 42.1875, 52.2517
YIQ	165.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

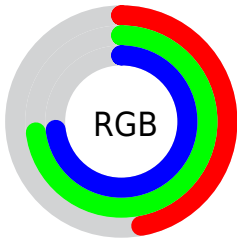
Format	Color
RYB	120, 153, 185
Decimal	7911865
CIELab	71.00, -20.60, -6.58
CIElCh	71, 21.626, 197.721
Yxy	42.1875, 0.2638, 0.3289
Android (android.graphics.Color)	4286101945 (0xFF78B9B9)
YUV	165.5650, 9.5815, -39.9605
Hunter-Lab	64.9519, -20.6501, -2.2305

Details

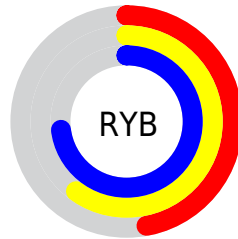
The CIELCh color **71, 21.626, 197.721** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57, 27.556, 22.536**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 21.510, 198.034**, and **51, 21.656, 197.251** is the 20% darker color. If you saturate the color by 10%, you get **70, 26.523, 197.340**, and if you desaturate by 10%, it is **72, 16.082, 198.155**.

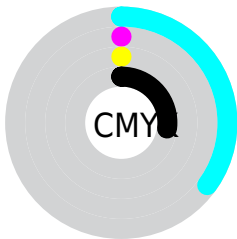
Distribution



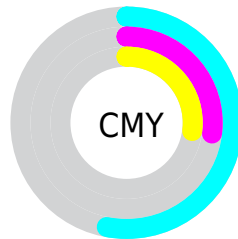
- Red (47%)
- Green (73%)
- Blue (73%)



- Red (47%)
- Yellow (60%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)





- Cyan (53%)
- Magenta (27%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 21.626, 197.721 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 71, 21.626, 197.721 by changing the saturation by 10% instead.


 71, 21.626,
197.721


 71, 21.626,
197.721


 100, 21.626,
197.721


 61, 21.626,
197.721


 91, 21.626,
197.721

 51, 21.626,
197.721

 41, 21.626,
197.721

 31, 21.626,
197.721

 21, 21.626,
197.721

 11, 21.626,
197.721

 1, 21.626, 197.721

0, 21.626, 197.721

71, 21.626,
197.721

71, 21.626,
197.721

70, 26.523,
197.340

72, 16.082,
198.155

69, 30.678,
197.026

73, 9.998, 198.653

69, 34.022,
196.776

74, 3.481, 199.271

76, 3.365, 19.522

69, 36.520,
196.591

77, 10.449, 20.209

68, 38.184,
196.469

79, 17.692, 20.830

81, 25.029, 21.453

68, 39.088,
196.403

82, 27.226, 21.639

■ 68, 39.378,
196.382

■ 82, 27.226, 21.638

Harmonies

Complementary

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



71, 21.626, 197.721



57, 27.556, 22.536

Rectangle

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



71, 21.626, 197.721



71, 21.626, 247.721



71, 21.626, 17.721



71, 21.626, 67.721

Sweetspot

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



71, 21.626, 197.718



93, 9.065, 198.872



70, 42.909, 141.529



49, 6.066, 198.796



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 21.626, 197.718



89, 30.833, 197.427



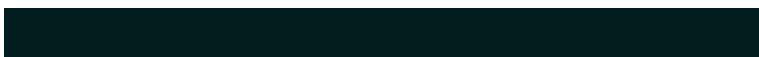
62, 20.390, 259.251



38, 3.777, 198.982



58, 34.644, 196.382



8, 10.518, 197.735

Inverse Universe

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



57, 27.556, 22.536



69, 41.704, 23.686



65, 22.724, 69.354



36, 4.004, 19.913



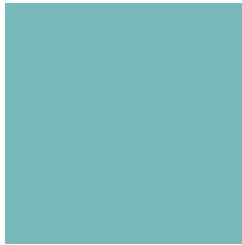
32, 71.869, 39.598



2, 10.638, 19.403

Previews

White Background



This preview shows how the CIELCh color 71, 21.626, 197.721 looks on a white background.

Color Contrast Check

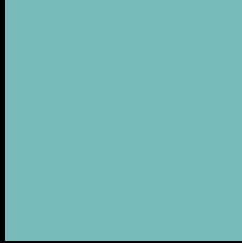
Large Text (above 18pt) WCAG AA × Fail

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 71, 21.626, 197.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

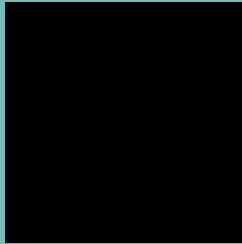
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

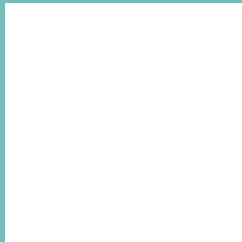
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 21.626, 197.721

Background



This preview shows how black text looks on a background with the CIELCh color 71, 21.626, 197.721.

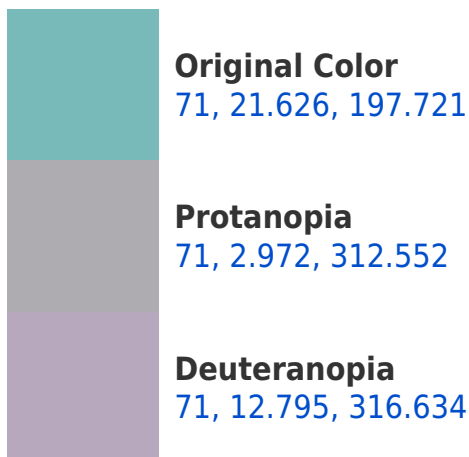


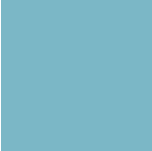
This preview shows how white text looks on a background with the CIELCh color 71, 21.626, 197.721.

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
71, 20.724, 221.513

Trichromacy



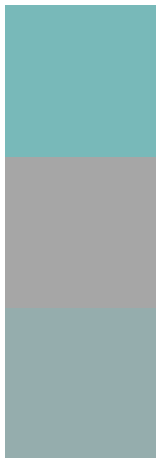
Original Color
71, 21.626, 197.721

Protanomaly
71, 8.049, 210.626

Deuteranomaly
70, 9.025, 257.469

Tritanomaly
71, 20.666, 211.773

Monochromacy



Original Color
71, 21.626, 197.721

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 8.708, 198.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 21.626, 197.721 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(120, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(120, 185, 185)  
}
```

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(120, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 185, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 21.626, 197.721 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(120, 185, 185) }
```

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

```
.border{ border-color:rgb(120, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 185, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 185, 185); box-shadow:4px 4px 4px 4px rgb(120, 185, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 21.626, 197.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 185, 185) }
```

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

```
.background{ background-color: rgb(120,  
185, 185) }
```

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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