

Converting Colors

CIELCh(71, 19.157, 218.124)

Have a look what the booklet for
CIELCh(71, 19.157, 218.124)
contains.

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Color

CIELCh(71, 19.294, 218.083)

Conversions

Conversions Part 1

Format	Color
Hex	7FB7C3
RGB	127, 183, 195
RGB Percent	50%, 72%, 76%
CMY	0.5029, 0.2833, 0.2363
CMYK	0.35, 0.06, 0.00, 0.24
HSL	191°, 36%, 63%
HSV	191°, 35%, 76%
XYZ	35.4209, 42.1875, 57.7584
YIQ	167.6240, -37.2280, -8.1400

Conversions

Conversions Part 2

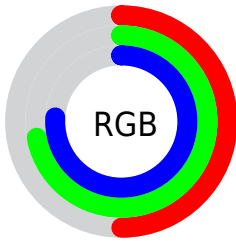
Format	Color
RYB	127, 158, 195
Decimal	8370115
CIELab	71.00, -15.19, -11.90
CIElCh	71, 19.294, 218.083
Yxy	42.1875, 0.2617, 0.3117
Android (android.graphics.Color)	4286560195 (0xFF7FB7C3)
YUV	167.6240, 13.4964, -35.6272
Hunter-Lab	64.9519, -16.3224, -7.2572

Details

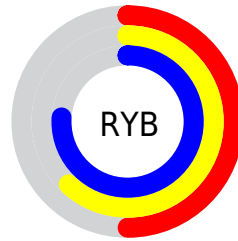
The CIELCh color **71, 19.294, 218.083** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 24.752, 37.037**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.327, 218.869**, and **51, 19.273, 217.309** is the 20% darker color. If you saturate the color by 10%, you get **69, 23.726, 218.893**, and if you desaturate by 10%, it is **73, 14.297, 217.511**.

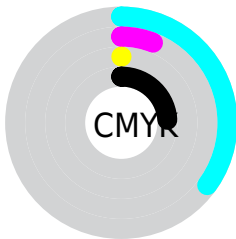
Distribution



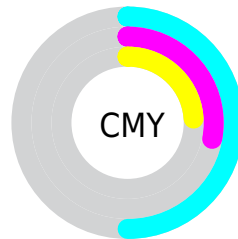
- Red (50%)
- Green (72%)
- Blue (76%)



- Red (50%)
- Yellow (62%)
- Blue (76%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)





- Cyan (50%)
- Magenta (28%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 19.294, 218.083 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, 19.294, 218.083 by changing the saturation by 10% instead.


 71, 19.294,
218.083


 71, 19.294,
218.083


 100, 19.294,
218.083


 61, 19.294,
218.083


 91, 19.294,
218.083

 51, 19.294,
218.083

 41, 19.294,
218.083

 31, 19.294,
218.083

 21, 19.294,
218.083

 11, 19.294,
218.083

 1, 19.294, 218.083

0, 19.294, 218.083

71, 19.294,
218.083

71, 19.294,
218.083

69, 23.726,
218.893

73, 14.297,
217.511

67, 27.504,
220.007

75, 8.831, 217.147

66, 30.558,
221.491

78, 2.986, 217.028

80, 3.155, 36.557

64, 32.848,
223.418

82, 9.519, 36.640

63, 34.391,
225.862

85, 16.048, 36.701

87, 19.631, 39.180

62, 35.270,
228.881

88, 19.087, 45.290

■ 61, 35.592,
230.551

■ 89, 18.776, 51.676

Harmonies

Complementary

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



71, 19.294, 218.083



63, 24.752, 37.037

Rectangle

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



71, 19.294, 218.083



71, 19.294, 268.083



71, 19.294, 38.083



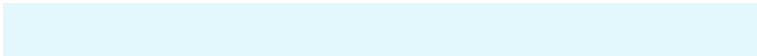
71, 19.294, 88.083

Sweetspot

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



71, 19.294, 218.079



96, 7.406, 217.045



73, 39.796, 146.696



51, 5.075, 217.070



0, 0.000, 0.000



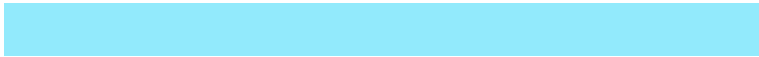
53, 0.007, 296.813

Same Dimension

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



71, 19.294, 218.079



88, 27.690, 218.685



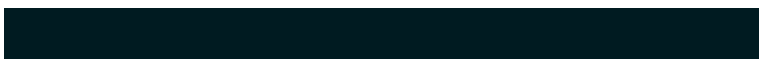
62, 26.205, 276.707



40, 3.394, 217.033



51, 30.846, 230.006



8, 10.501, 222.915

Inverse Universe

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



62, 39.621, 331.908



74, 58.368, 332.423



71, 26.392, 86.625



38, 6.395, 330.257



36, 71.401, 336.648



4, 20.491, 333.363

Previews

White Background



This preview shows how the CIELCh color 71, 19.294, 218.083 looks on a white background.

Color Contrast Check

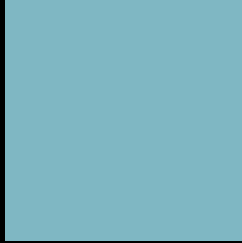
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 19.294, 218.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

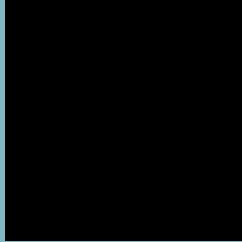
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 19.294, 218.083

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.294, 218.083.



This preview shows how white text looks on a background with the CIELCh color 71, 19.294, 218.083.

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

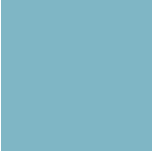
71, 19.294, 218.083

Protanopia

71, 8.750, 291.046

Deuteranopia

71, 16.247, 303.067



Tritanopia
71, 19.448, 223.259

Trichromacy



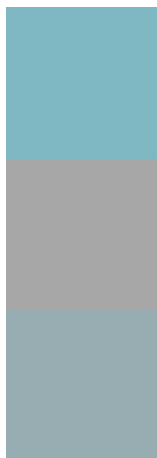
Original Color
71, 19.294, 218.083

Protanomaly
71, 10.242, 247.558

Deuteranomaly
71, 13.468, 268.689

Tritanomaly
71, 19.294, 221.665

Monochromacy



Original Color
71, 19.294, 218.083

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.838, 215.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.294, 218.083 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, 183, 195)` looks like.

```
.text, #text, p{  
    color:rgb(127, 183, 195)  
}
```

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, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 183, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.294, 218.083 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, 183, 195) }
```

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

```
.border{ border-color:rgb(127, 183, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 183, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(127, 183,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.294, 218.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 183, 195) }
```

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

```
.background{ background-color: rgb(127,  
183, 195) }
```

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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