

Converting Colors

CIELCh(71, 21.859, 218.563)

Have a look what the booklet for
CIELCh(71, 21.859, 218.563)
contains.

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Color

CIELCh(71, 21.859, 218.563)

Conversions

Conversions Part 1

Format	Color
Hex	77B8C6
RGB	119, 184, 198
RGB Percent	47%, 72%, 78%
CMY	0.5340, 0.2791, 0.2242
CMYK	0.40, 0.07, 0.00, 0.22
HSL	191°, 41%, 62%
HSV	191°, 40%, 78%
XYZ	34.8612, 42.1875, 59.6252
YIQ	166.1610, -43.2340, -9.4260

Conversions

Conversions Part 2

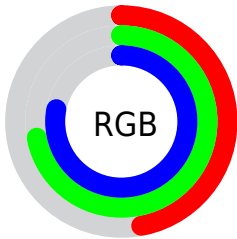
Format	Color
RYB	119, 155, 198
Decimal	7846086
CIELab	71.00, -17.09, -13.63
CIElCh	71, 21.859, 218.563
Yxy	42.1875, 0.2551, 0.3087
Android (android.graphics.Color)	4286036166 (0xFF77B8C6)
YUV	166.1610, 15.6966, -41.3602
Hunter-Lab	64.9519, -17.8607, -8.9613

Details

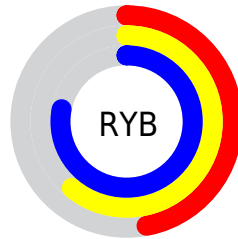
The CIELCh color **71, 21.859, 218.563** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 29.263, 37.314**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 21.981, 219.058**, and **51, 21.763, 218.091** is the 20% darker color. If you saturate the color by 10%, you get **69, 26.022, 219.526**, and if you desaturate by 10%, it is **73, 17.076, 217.868**.

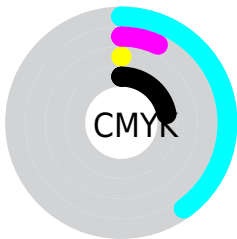
Distribution



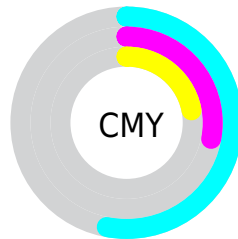
- Red (47%)
- Green (72%)
- Blue (78%)



- Red (47%)
- Yellow (61%)
- Blue (78%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)





- Cyan (53%)
- Magenta (28%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 21.859, 218.563 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, 21.859, 218.563 by changing the saturation by 10% instead.


 71, 21.859,
218.563


 71, 21.859,
218.563


 100, 21.859,
218.563


 61, 21.859,
218.563


 91, 21.859,
218.563

 51, 21.859,
218.563

 41, 21.859,
218.563

 31, 21.859,
218.563

 21, 21.859,
218.563

 11, 21.859,
218.563

 1, 21.859, 218.563

0, 21.859, 218.563

71, 21.859,
218.563

71, 21.859,
218.563

69, 26.022,
219.526

73, 17.076,
217.868

67, 29.484,
220.828

75, 11.770,
217.399

66, 32.187,
222.538

77, 6.035, 217.130

80, 0.042, 23.905

64, 34.117,
224.734

82, 6.379, 36.699

63, 35.324,
227.483

85, 12.912, 36.745

62, 36.012,
230.735

87, 18.714, 37.542

■ 62, 36.017,
230.757

■ 88, 18.110, 44.060

■ 89, 17.760, 50.926

Harmonies

Complementary

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



71, 21.859, 218.563



62, 29.263, 37.314

Rectangle

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



71, 21.859, 218.563



71, 21.859, 268.563



71, 21.859, 38.563



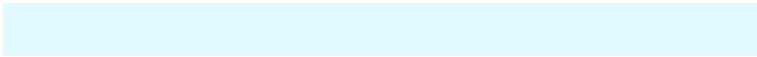
71, 21.859, 88.563

Sweetspot

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



71, 21.859, 218.560



97, 8.907, 217.172



73, 45.939, 146.173



51, 5.887, 217.202



0, 0.000, 0.000



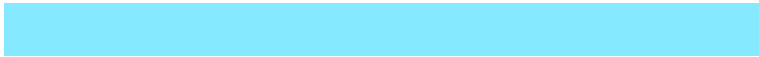
53, 0.007, 296.813

Same Dimension

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



71, 21.859, 218.560



87, 30.938, 219.392



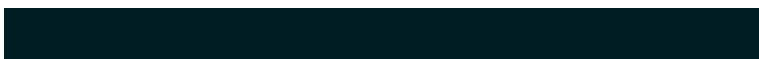
60, 30.483, 277.796



41, 3.466, 217.122



52, 31.211, 230.218



9, 11.250, 222.207

Inverse Universe

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



60, 45.660, 332.272



72, 66.512, 332.865



71, 30.701, 85.934



39, 6.530, 330.285



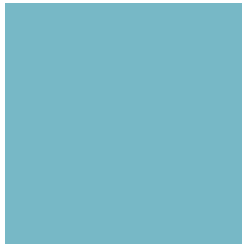
37, 72.181, 336.704



4, 22.907, 333.916

Previews

White Background



This preview shows how the CIELCh color 71, 21.859, 218.563 looks on a white background.

Color Contrast Check

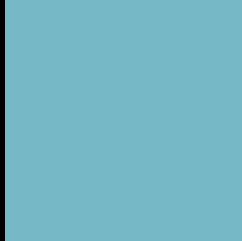
Large Text (above 18pt) WCAG AA × Fail

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, 21.859, 218.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

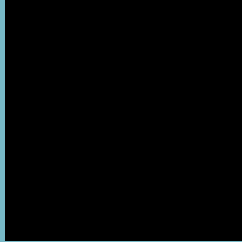
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 21.859, 218.563

Background



This preview shows how black text looks on a background with the CIELCh color 71, 21.859, 218.563.



This preview shows how white text looks on a background with the CIELCh color 71, 21.859, 218.563.

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, 21.859, 218.563

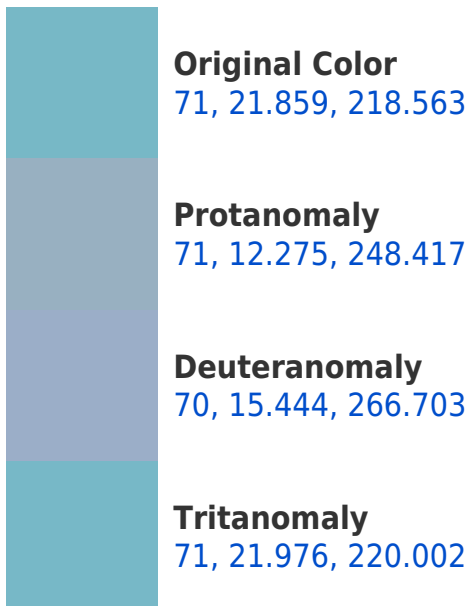
Protanopia
71, 9.843, 289.062

Deuteranopia
71, 17.738, 299.858

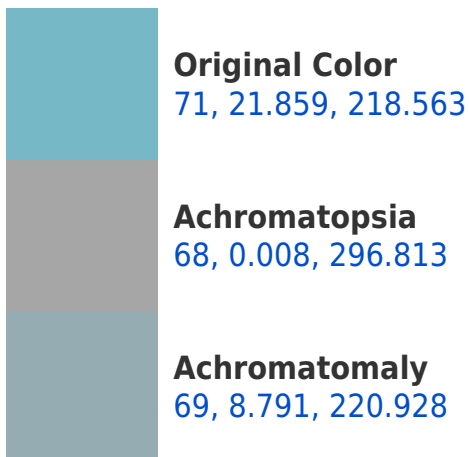


Tritanopia
71, 21.976, 220.002

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 21.859, 218.563 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(119, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(119, 184, 198)  
}
```

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(119, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 184, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 21.859, 218.563 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(119, 184, 198) }
```

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

```
.border{ border-color:rgb(119, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(119, 184,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 21.859, 218.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 184, 198) }
```

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

```
.background{ background-color: rgb(119,  
184, 198) }
```

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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