

Converting Colors

CIELCh(71, 19.811, 223.469)

Have a look what the booklet for
CIELCh(71, 19.811, 223.469)
contains.

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Color

CIELCh(71, 19.869, 224.446)

Conversions

Conversions Part 1

Format	Color
Hex	7EB6C6
RGB	126, 182, 198
RGB Percent	49%, 71%, 78%
CMY	0.5043, 0.2847, 0.2219
CMYK	0.36, 0.08, 0.00, 0.22
HSL	193°, 39%, 64%
HSV	193°, 36%, 78%
XYZ	35.7177, 42.1875, 59.9391
YIQ	167.0800, -38.5120, -6.8960

Conversions

Conversions Part 2

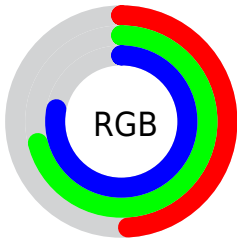
Format	Color
R_{YB}	126, 158, 198
Decimal	8304326
CIE _{Lab}	71.00, -14.18, -13.91
CIE _{LCh}	71, 19.869, 224.446
Yxy	42.1875, 0.2591, 0.3061
Android (android.graphics.Color)	4286494406 (0xFF7EB6C6)
YUV	167.0800, 15.2436, -36.0272
Hunter-Lab	64.9519, -15.5070, -9.2478

Details

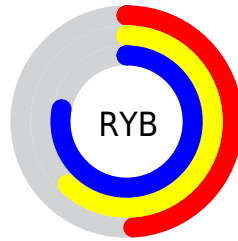
The CIELCh color **71, 19.869, 224.446** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 25.569, 41.508**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.936, 224.797**, and **51, 19.780, 224.295** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.269, 225.664**, and if you desaturate by 10%, it is **73, 14.929, 223.529**.

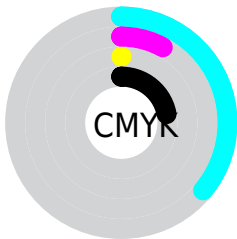
Distribution



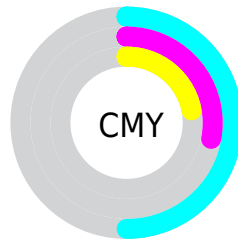
- Red (49%)
- Green (71%)
- Blue (78%)



- Red (49%)
- Yellow (62%)
- Blue (78%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)





- Cyan (50%)
- Magenta (28%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 19.869, 224.446 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, 19.869, 224.446 by changing the saturation by 10% instead.

 71, 19.869,
224.446

 71, 19.869,
224.446


 100, 19.869,
224.446


 61, 19.869,
224.446


 91, 19.869,
224.446

 51, 19.869,
224.446

 41, 19.869,
224.446

 31, 19.869,
224.446

 21, 19.869,
224.446

 11, 19.869,
224.446

 1, 19.869, 224.446

0, 19.869, 224.446

71, 19.869,
224.446

71, 19.869,
224.446

69, 24.269,
225.664

73, 14.929,
223.529

67, 28.050,
227.265

76, 9.537, 222.866

65, 31.152,
229.330

78, 3.778, 222.458

81, 2.269, 41.737

63, 33.557,
231.947

84, 8.537, 41.678

61, 35.304,
235.195

87, 14.968, 41.563

88, 17.782, 45.953

60, 36.514,
239.102

90, 17.483, 54.801

■ 59, 36.924,
240.619

■ 91, 17.616, 63.718

Harmonies

Complementary

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



71, 19.869, 224.446



64, 25.569, 41.508

Rectangle

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



71, 19.869, 224.446



71, 19.869, 274.446



71, 19.869, 44.446



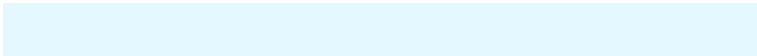
71, 19.869, 94.446

Sweetspot

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



71, 19.869, 224.443



96, 8.002, 222.617



74, 40.449, 148.201



51, 5.358, 222.678



0, 0.000, 0.000



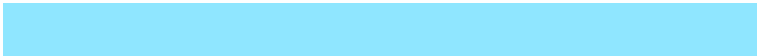
53, 0.007, 296.813

Same Dimension

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



71, 19.869, 224.443



87, 28.494, 225.440



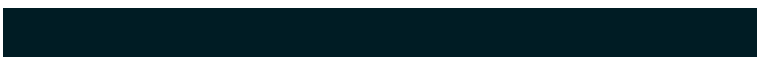
61, 29.502, 280.623



41, 3.387, 222.548



49, 31.863, 239.945



9, 11.127, 230.334

Inverse Universe

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



62, 40.482, 333.732



74, 59.584, 334.346



73, 29.074, 90.361



39, 6.324, 331.880



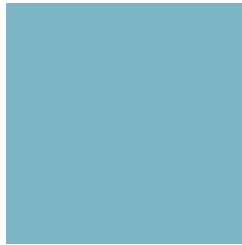
37, 69.824, 339.412



4, 22.008, 336.154

Previews

White Background



This preview shows how the CIELCh color 71, 19.869, 224.446 looks on a white background.

Color Contrast Check

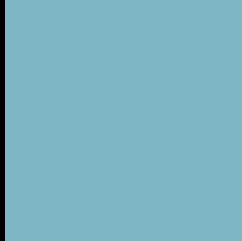
Large Text (above 18pt) WCAG AA × Fail

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, 19.869, 224.446 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, 19.869, 224.446

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.869, 224.446.



This preview shows how white text looks on a background with the CIELCh color 71, 19.869, 224.446.

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](#).

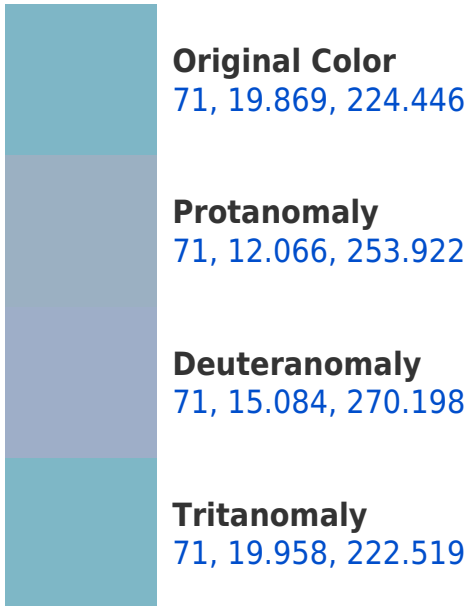
Dichromacy



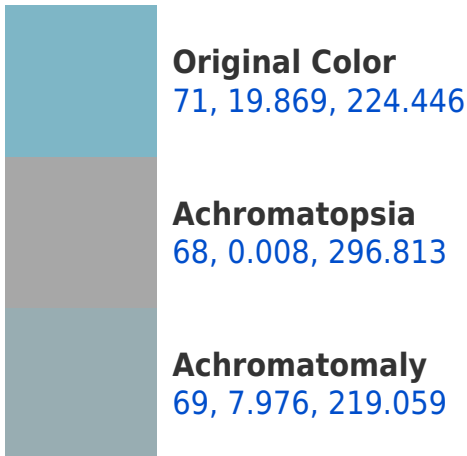


Tritanopia
71, 19.812, 220.960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.869, 224.446 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(126, 182, 198)` looks like.

```
.text, #text, p{  
    color:rgb(126, 182, 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(126, 182, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 182, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.869, 224.446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

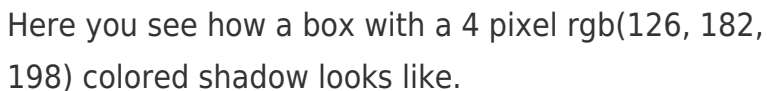
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 182, 198) }
```

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

```
.border{ border-color:rgb(126, 182, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 182, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 182, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 182, 198); box-shadow:4px 4px 4px 4px rgb(126, 182, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.869, 224.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 182, 198) }
```

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

```
.background{ background-color: rgb(126,  
182, 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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