

Converting Colors

CIELCh(71, 21.603, 211.923)

Have a look what the booklet for
CIELCh(71, 21.603, 211.923)
contains.

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Color

CIELCh(71, 21.523, 212.681)

Conversions

Conversions Part 1

Format	Color
Hex	77B8C2
RGB	119, 184, 194
RGB Percent	47%, 72%, 76%
CMY	0.5327, 0.2778, 0.2385
CMYK	0.39, 0.05, 0.00, 0.24
HSL	188°, 38%, 61%
HSV	188°, 39%, 76%
XYZ	34.5629, 42.1875, 57.4603
YIQ	165.7050, -41.9500, -10.6700

Conversions

Conversions Part 2

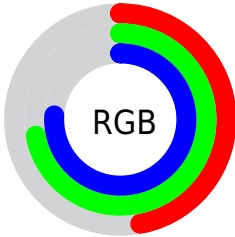
Format	Color
R_{YB}	119, 154, 194
Decimal	7846082
CIE _{Lab}	71.00, -18.12, -11.62
CIE _{LCh}	71, 21.523, 212.681
Yxy	42.1875, 0.2575, 0.3143
Android (android.graphics.Color)	4286036162 (0xFF77B8C2)
YUV	165.7050, 13.9494, -40.9603
Hunter-Lab	64.9519, -18.6804, -6.9851

Details

The CIELCh color **71, 21.523, 212.681** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 28.584, 33.338**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 21.523, 212.174**, and **51, 21.523, 211.668** is the 20% darker color. If you saturate the color by 10%, you get **69, 25.781, 213.240**, and if you desaturate by 10%, it is **73, 16.630, 212.324**.

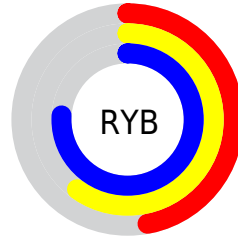
Distribution



Red (47%)

Green (72%)

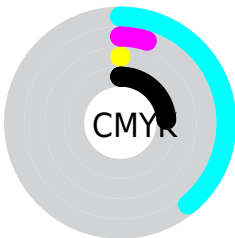
Blue (76%)



Red (47%)

Yellow (60%)

Blue (76%)

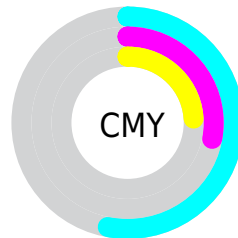


Cyan (39%)

Magenta (5%)

Yellow (0%)

Black (24%)



Cyan (53%)


Magenta (28%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 21.523, 212.681 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, 21.523, 212.681 by changing the saturation by 10% instead.


 71, 21.523,
212.681


 71, 21.523,
212.681


 100, 21.523,
212.681


 61, 21.523,
212.681


 91, 21.523,
212.681

 51, 21.523,
212.681

 41, 21.523,
212.681

 31, 21.523,
212.681

 21, 21.523,
212.681

 11, 21.523,
212.681

 1, 21.523, 212.681

0, 21.523, 212.681

71, 21.523,
212.681

71, 21.523,
212.681

69, 25.781,
213.240

73, 16.630,
212.324

68, 29.315,
214.055

75, 11.201,
212.142

67, 32.058,
215.174

77, 5.338, 212.128

65, 33.982,
216.654

79, 0.869, 31.438

64, 35.117,
218.549

81, 7.337, 32.102

63, 35.609,
220.859

86, 20.756, 32.560

■ 63, 35.664,
221.187

■ 86, 20.138, 36.723

■ 87, 19.636, 41.126

Harmonies

Complementary

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



71, 21.523, 212.681



60, 28.584, 33.338

Rectangle

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



71, 21.523, 212.681



71, 21.523, 262.681



71, 21.523, 32.681



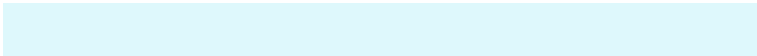
71, 21.523, 82.681

Sweetspot

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



71, 21.523, 212.678



96, 9.102, 212.110



72, 45.415, 144.780



51, 6.064, 212.111



0, 0.000, 0.000



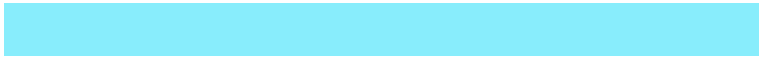
53, 0.007, 296.813

Same Dimension

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



71, 21.523, 212.678



88, 30.488, 213.115



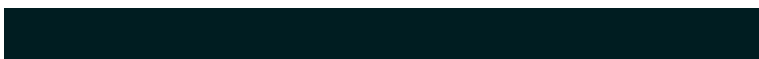
61, 27.213, 273.439



40, 3.496, 212.122



53, 31.013, 220.794



9, 10.824, 215.285

Inverse Universe

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



60, 44.888, 330.624



73, 65.385, 331.120



69, 28.156, 81.838



38, 6.592, 328.829



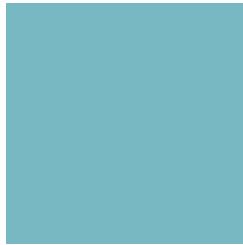
37, 73.776, 334.290



4, 21.362, 331.366

Previews

White Background



This preview shows how the CIELCh color 71, 21.523, 212.681 looks on a white background.

Color Contrast Check

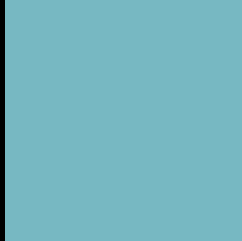
Large Text (above 18pt) WCAG AA × Fail

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, 21.523, 212.681 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

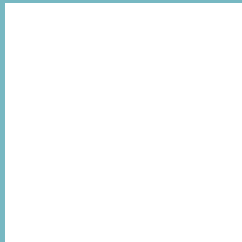
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 21.523, 212.681

Background



This preview shows how black text looks on a background with the CIELCh color 71, 21.523, 212.681.

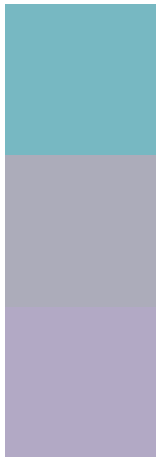


This preview shows how white text looks on a background with the CIELCh color 71, 21.523, 212.681.

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, 21.523, 212.681

Protanopia
71, 7.657, 290.941

Deuteranopia
71, 15.713, 303.436



Tritanopia
71, 21.607, 218.831

Trichromacy



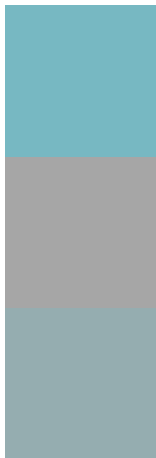
Original Color
71, 21.523, 212.681

Protanomaly
71, 10.593, 241.257

Deuteranomaly
71, 12.898, 262.363

Tritanomaly
71, 21.500, 217.363

Monochromacy



Original Color
71, 21.523, 212.681

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 8.756, 209.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 21.523, 212.681 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(119, 184, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 184, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 21.523, 212.681 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, 194) }
```

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

```
.border{ border-color:rgb(119, 184, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(119, 184,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 21.523, 212.681 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, 194) }
```

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

```
.background{ background-color: rgb(119,  
184, 194) }
```

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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