

Converting Colors

CIELCh(71, 17.827, 215.901)

Have a look what the booklet for
CIELCh(71, 17.827, 215.901)
contains.

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Color

CIELCh(71, 17.703, 216.260)

Conversions

Conversions Part 1

Format	Color
Hex	83B6C0
RGB	131, 182, 192
RGB Percent	51%, 71%, 75%
CMY	0.4855, 0.2855, 0.2463
CMYK	0.32, 0.05, 0.00, 0.25
HSL	190°, 33%, 63%
HSV	190°, 32%, 75%
XYZ	35.6910, 42.1875, 56.2413
YIQ	167.8910, -33.6060, -7.7020

Conversions

Conversions Part 2

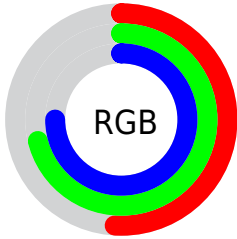
Format	Color
RYB	131, 159, 192
Decimal	8632000
CIELab	71.00, -14.27, -10.47
CIELCh	71, 17.703, 216.260
Yxy	42.1875, 0.2661, 0.3146
Android (android.graphics.Color)	4286822080 (0xFF83B6C0)
YUV	167.8910, 11.8857, -32.3534
Hunter-Lab	64.9519, -15.5804, -5.8724

Details

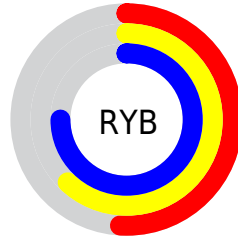
The CIELCh color **71, 17.703, 216.260** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 22.153, 35.736**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.590, 215.641**, and **51, 17.648, 217.292** is the 20% darker color. If you saturate the color by 10%, you get **69, 22.298, 216.892**, and if you desaturate by 10%, it is **73, 12.570, 215.835**.

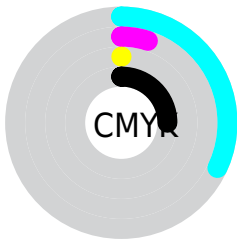
Distribution



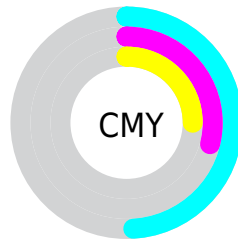
- Red (51%)
- Green (71%)
- Blue (75%)



- Red (51%)
- Yellow (62%)
- Blue (75%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)





- Cyan (49%)
- Magenta (29%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 17.703, 216.260 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, 17.703, 216.260 by changing the saturation by 10% instead.


 71, 17.703,
216.260


 71, 17.703,
216.260


 100, 17.703,
216.260


 61, 17.703,
216.260


 91, 17.703,
216.260

 51, 17.703,
216.260

 41, 17.703,
216.260

 31, 17.703,
216.260

 21, 17.703,
216.260

 11, 17.703,
216.260

 1, 17.703, 216.260

0, 17.703, 216.260

71, 17.703,
216.260

71, 17.703,
216.260

69, 22.298,
216.892

73, 12.570,
215.835

67, 26.262,
217.791

75, 6.993, 215.602

66, 29.515,
219.014

77, 1.063, 215.891

80, 5.140, 35.249

64, 32.004,
220.627

82, 11.547, 35.347

63, 33.724,
222.702

85, 18.101, 35.464

86, 20.654, 38.341

62, 34.730,
225.300

87, 20.109, 43.623

■ 61, 35.197,
227.776

■ 88, 19.747, 49.147

Harmonies

Complementary

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



71, 17.703, 216.260



63, 22.153, 35.736

Rectangle

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



71, 17.703, 216.260



71, 17.703, 266.260



71, 17.703, 36.260



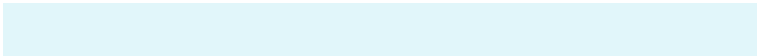
71, 17.703, 86.260

Sweetspot

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



71, 17.703, 216.256



95, 7.403, 215.584



73, 36.279, 146.479



50, 5.031, 215.600



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 17.703, 216.256



88, 25.487, 216.667



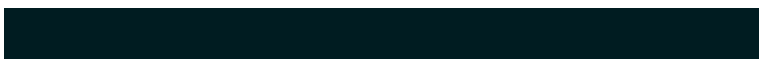
63, 23.029, 274.749



40, 3.421, 215.578



51, 30.819, 227.305



8, 10.580, 220.628

Inverse Universe

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



62, 36.011, 331.252



76, 53.087, 331.696



71, 23.345, 85.673



38, 6.451, 329.834



37, 72.077, 335.941



4, 20.740, 332.761

Previews

White Background



This preview shows how the CIE LCh color 71, 17.703, 216.260 looks on a white background.

Color Contrast Check

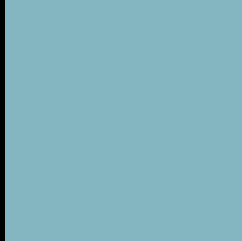
Large Text (above 18pt) WCAG AA × Fail

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, 17.703, 216.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

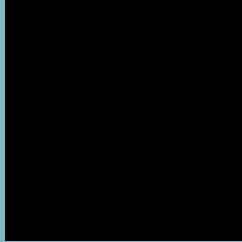
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 17.703, 216.260

Background



This preview shows how black text looks on a background with the CIELCh color 71, 17.703, 216.260.

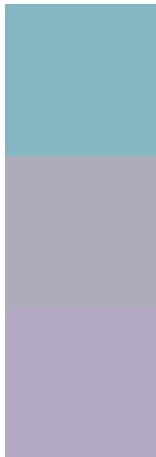


This preview shows how white text looks on a background with the CIELCh color 71, 17.703, 216.260.

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, 17.703, 216.260

Protanopia

71, 7.671, 293.657

Deuteranopia

71, 14.825, 306.994



Tritanopia
71, 17.971, 223.597

Trichromacy



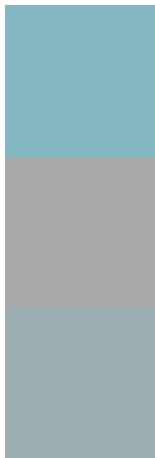
Original Color
71, 17.703, 216.260

Protanomaly
71, 9.025, 245.819

Deuteranomaly
71, 11.611, 269.972

Tritanomaly
71, 17.810, 221.884

Monochromacy



Original Color
71, 17.703, 216.260

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.836, 217.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 17.703, 216.260 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(131, 182, 192)` looks like.

```
.text, #text, p{  
    color:rgb(131, 182, 192)  
}
```

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(131, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 182, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 17.703, 216.260 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(131, 182, 192) }
```

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

```
.border{ border-color:rgb(131, 182, 192) }
```

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

Here you see how a box with a 4 pixel rgb(131, 182, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 182, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 182, 192);  
box-shadow:4px 4px 4px 4px rgb(131, 182,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 17.703, 216.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 182, 192) }
```

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

```
.background{ background-color: rgb(131,  
182, 192) }
```

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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