

Converting Colors

CIELCh(71, 18.443, 197.556)

Have a look what the booklet for
CIELCh(71, 18.443, 197.556)
contains.

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Color

CIELCh(71, 18.417, 197.961)

Conversions

Conversions Part 1

Format	Color
Hex	81B7B7
RGB	129, 183, 183
RGB Percent	51%, 72%, 72%
CMY	0.4924, 0.2806, 0.2806
CMYK	0.29, 0.00, 0.00, 0.28
HSL	180°, 27%, 61%
HSV	180°, 29%, 72%
XYZ	34.7365, 42.1875, 51.3526
YIQ	166.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

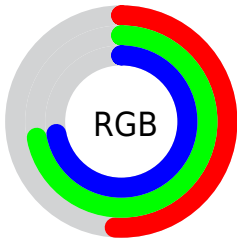
Format	Color
RYB	129, 156, 183
Decimal	8501175
CIELab	71.00, -17.52, -5.68
CIELCh	71, 18.417, 197.961
Yxy	42.1875, 0.2708, 0.3289
Android (android.graphics.Color)	4286691255 (0xFF81B7B7)
YUV	166.8540, 7.9600, -33.1980
Hunter-Lab	64.9519, -18.2035, -1.4098

Details

The CIELCh color **71, 18.417, 197.961** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 22.465, 21.803**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 18.239, 198.241**, and **51, 18.445, 197.545** is the 20% darker color. If you saturate the color by 10%, you get **70, 23.661, 197.545**, and if you desaturate by 10%, it is **72, 12.591, 198.428**.

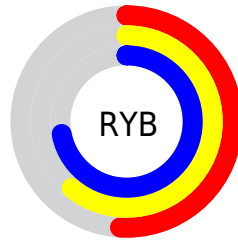
Distribution



Red (51%)

Green (72%)

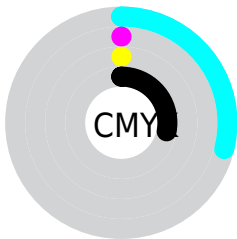
Blue (72%)



Red (51%)

Yellow (61%)

Blue (72%)

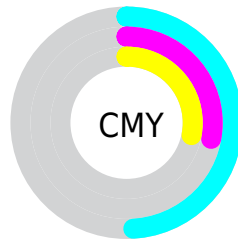


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (28%)



Cyan (49%)


Magenta (28%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 18.417, 197.961 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, 18.417, 197.961 by changing the saturation by 10% instead.


 71, 18.417,
197.961


 71, 18.417,
197.961


 100, 18.417,
197.961


 61, 18.417,
197.961


 91, 18.417,
197.961

 51, 18.417,
197.961

 41, 18.417,
197.961

 31, 18.417,
197.961

 21, 18.417,
197.961

 11, 18.417,
197.961

 1, 18.417, 197.961

0, 18.417, 197.961

71, 18.417,
197.961

71, 18.417,
197.961

70, 23.661,
197.545

72, 12.591,
198.428

69, 28.220,
197.194

73, 6.291, 198.973

69, 32.009,
196.907

75, 0.380, 18.070

76, 7.324, 19.931

68, 34.973,
196.685

78, 14.459, 20.560

68, 37.096,
196.527

80, 21.712, 21.180

81, 27.892, 21.707

68, 38.415,
196.430

81, 27.892, 21.706

■ 68, 39.101,
196.379

■ 81, 27.892, 21.705

■ 68, 39.134,
196.376

Harmonies

Complementary

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



71, 18.417, 197.961



59, 22.465, 21.803

Rectangle

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



71, 18.417, 197.961



71, 18.417, 247.961



71, 18.417, 17.961



71, 18.417, 67.961

Sweetspot

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



71, 18.417, 197.957



93, 7.456, 198.990



70, 35.802, 142.026



49, 5.159, 198.903



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 18.417, 197.957



90, 26.540, 197.697



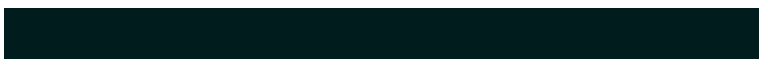
64, 17.058, 258.086



38, 3.777, 198.979



58, 34.645, 196.376



8, 10.519, 197.731

Inverse Universe

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



59, 22.465, 21.803



73, 33.931, 22.593



66, 18.643, 70.045



36, 4.004, 19.910



32, 71.868, 39.596



2, 10.638, 19.401

Previews

White Background



This preview shows how the CIELCh color 71, 18.417, 197.961 looks on a white background.

Color Contrast Check

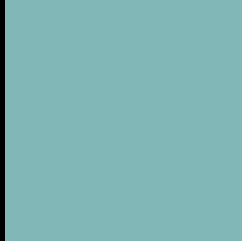
Large Text (above 18pt) WCAG AA × Fail

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, 18.417, 197.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

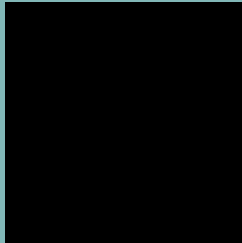
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

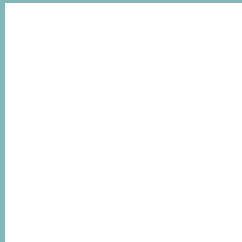
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 18.417, 197.961

Background



This preview shows how black text looks on a background with the CIELCh color 71, 18.417, 197.961.

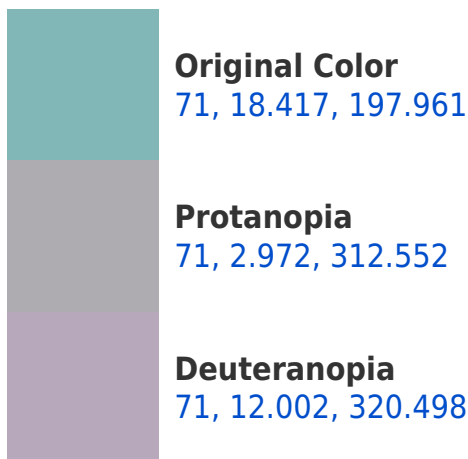


This preview shows how white text looks on a background with the CIELCh color 71, 18.417, 197.961.

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, 17.892, 225.740

Trichromacy



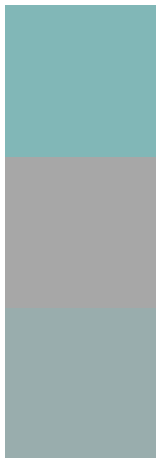
Original Color
71, 18.417, 197.961

Protanomaly
71, 6.692, 213.182

Deuteranomaly
71, 7.408, 261.808

Tritanomaly
71, 17.609, 214.473

Monochromacy



Original Color
71, 18.417, 197.961

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.302, 198.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 18.417, 197.961 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(129, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(129, 183, 183)  
}
```

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(129, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 183, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 18.417, 197.961 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(129, 183, 183) }
```

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

```
.border{ border-color:rgb(129, 183, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 183, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(129, 183,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 18.417, 197.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 183, 183) }
```

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

```
.background{ background-color: rgb(129,  
183, 183) }
```

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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