

Converting Colors

CIELCh(72, 13.552, 169.916)

Have a look what the booklet for
CIELCh(72, 13.552, 169.916)
contains.

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Color

CIELCh(72, 13.809, 170.067)

Conversions

Conversions Part 1

Format	Color
Hex	97B8AC
RGB	151, 184, 172
RGB Percent	59%, 72%, 67%
CMY	0.4091, 0.2797, 0.3268
CMYK	0.18, 0.00, 0.07, 0.28
HSL	158°, 19%, 66%
HSV	158°, 18%, 72%
XYZ	37.1906, 43.6590, 45.3333
YIQ	172.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

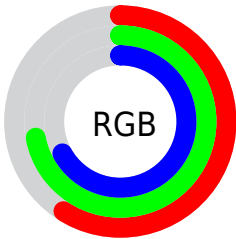
Format	Color
RYB	151, 171, 184
Decimal	9943212
CIELab	72.00, -13.60, 2.38
CIELCh	72, 13.809, 170.067
Yxy	43.6590, 0.2947, 0.3460
Android (android.graphics.Color)	4288133292 (0xFF97B8AC)
YUV	172.7650, -0.3771, -19.0879
Hunter-Lab	66.0750, -15.1617, 5.5743

Details

The CIELCh color **72, 13.809, 170.067** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 14.379, 353.417**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 13.743, 169.239**, and **52, 13.658, 170.108** is the 20% darker color. If you saturate the color by 10%, you get **71, 21.280, 169.008**, and if you desaturate by 10%, it is **73, 6.155, 171.060**.

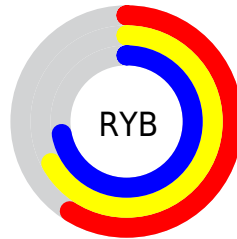
Distribution



Red (59%)

Green (72%)

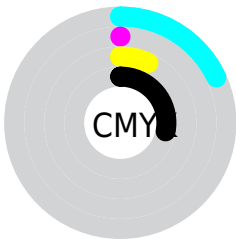
Blue (67%)



Red (59%)

Yellow (67%)

Blue (72%)

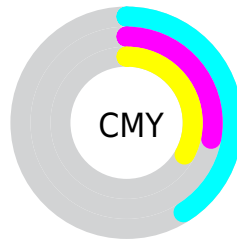


Cyan (18%)

Magenta (0%)

Yellow (7%)

Black (28%)



Cyan (41%)


Magenta (28%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 13.809, 170.067 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 72, 13.809, 170.067 by changing the saturation by 10% instead.


 72, 13.809,
170.067


 72, 13.809,
170.067


 100, 13.809,
170.067


 62, 13.809,
170.067


 92, 13.809,
170.067

 52, 13.809,
170.067

 42, 13.809,
170.067

 32, 13.809,
170.067

 22, 13.809,
170.067

 12, 13.809,
170.067

 2, 13.809, 170.067

0, 13.809, 170.067

72, 13.809,
170.067

72, 13.809,
170.067

71, 21.280,
169.008

73, 6.155, 171.060

70, 28.447,
167.854

75, 1.585, 351.608

77, 9.326, 352.658

69, 35.184,
166.578

79, 17.004,
353.454

68, 41.365,
165.153

80, 24.571,
354.193

67, 46.883,
163.556

82, 30.072,
352.704

67, 51.664,
161.766

82, 31.678,
346.978

■ 66, 55.689,
159.769

■ 82, 33.592,
341.891

■ 66, 59.051,
157.602

■ 82, 35.761,
337.427

■ 66, 59.710,
157.171

Harmonies

Complementary

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



72, 13.809, 170.067



66, 14.379, 353.417

Rectangle

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



72, 13.809, 170.067



72, 13.809, 220.067



72, 13.809, 350.067



72, 13.809, 40.067

Sweetspot

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



72, 13.810, 170.064



94, 4.801, 171.361



72, 19.619, 132.812



50, 3.273, 171.285



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 13.810, 170.064



91, 20.918, 169.609



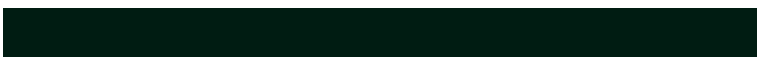
71, 10.348, 212.136



38, 4.376, 170.923



57, 52.519, 157.488



8, 13.112, 164.395

Inverse Universe

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



66, 14.379, 353.417



81, 22.002, 353.918



66, 11.662, 32.314



36, 4.470, 352.504



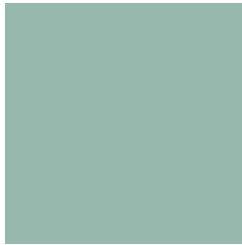
33, 58.993, 14.377



2, 11.457, 358.366

Previews

White Background



This preview shows how the CIELCh color 72, 13.809, 170.067 looks on a white background.

Color Contrast Check

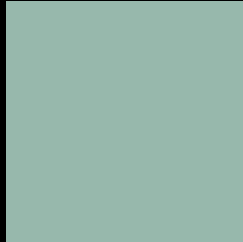
Large Text (above 18pt) WCAG AA × Fail

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 72, 13.809, 170.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

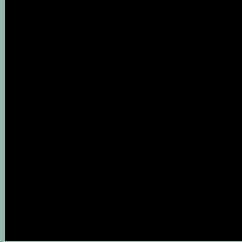
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 13.809, 170.067

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.809, 170.067.

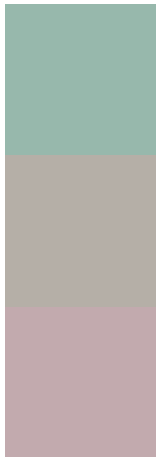


This preview shows how white text looks on a background with the CIELCh color 72, 13.809, 170.067.

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](#).

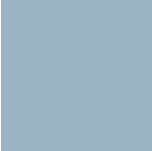
Dichromacy



Original Color
72, 13.809, 170.067

Protanopia
72, 4.898, 81.716

Deuteranopia
72, 9.433, 6.923



Tritanopia
72, 11.729, 243.264

Trichromacy



Original Color
72, 13.809, 170.067

Protanomaly
72, 5.773, 141.191

Deuteranomaly
72, 1.556, 63.354

Tritanomaly
72, 10.318, 217.249

Monochromacy



Original Color
72, 13.809, 170.067

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 4.996, 173.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.809, 170.067 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(151, 184, 172)` looks like.

```
.text, #text, p{  
    color:rgb(151, 184, 172)  
}
```

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(151, 184, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 184, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.809, 170.067 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(151, 184, 172) }
```

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

```
.border{ border-color:rgb(151, 184, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 184, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 184, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 184, 172);  
box-shadow:4px 4px 4px 4px rgb(151, 184,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.809, 170.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 184, 172) }
```

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

```
.background{ background-color: rgb(151,  
184, 172) }
```

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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