

Converting Colors

CIELCh(72, 13.217, 171.661)

Have a look what the booklet for
CIELCh(72, 13.217, 171.661)
contains.

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Color

CIELCh(72, 12.960, 173.496)

Conversions

Conversions Part 1

Format	Color
Hex	97B7AD
RGB	151, 183, 173
RGB Percent	59%, 72%, 68%
CMY	0.4065, 0.2809, 0.3202
CMYK	0.17, 0.00, 0.05, 0.28
HSL	161°, 18%, 66%
HSV	161°, 17%, 72%
XYZ	37.4123, 43.6590, 46.1707
YIQ	172.2920, -15.8620, -9.8940

Conversions

Conversions Part 2

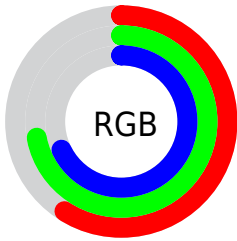
Format	Color
RYB	151, 170, 183
Decimal	9942957
CIELab	72.00, -12.88, 1.47
CIELCh	72, 12.960, 173.496
Yxy	43.6590, 0.2940, 0.3431
Android (android.graphics.Color)	4288133037 (0xFF97B7AD)
YUV	172.2920, 0.3490, -18.6731
Hunter-Lab	66.0750, -14.5627, 4.8229

Details

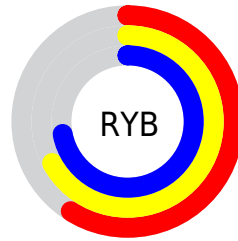
The CIELCh color **72, 12.960, 173.496** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 13.592, 356.792**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 12.924, 172.437**, and **52, 12.757, 173.849** is the 20% darker color. If you saturate the color by 10%, you get **71, 20.129, 172.443**, and if you desaturate by 10%, it is **73, 5.580, 174.497**.

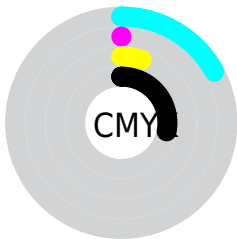
Distribution



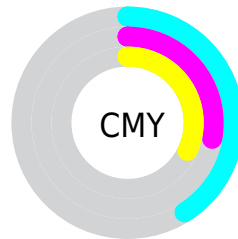
- Red (59%)
- Green (72%)
- Blue (68%)



- Red (59%)
- Yellow (67%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (41%)
- Magenta (28%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 12.960, 173.496 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, 12.960, 173.496 by changing the saturation by 10% instead.

 72, 12.960,
173.496

 72, 12.960,
173.496

 100, 12.960,
173.496

 62, 12.960,
173.496

 92, 12.960,
173.496

 52, 12.960,
173.496

 42, 12.960,
173.496

 32, 12.960,
173.496

 22, 12.960,
173.496

 12, 12.960,
173.496

 2, 12.960, 173.496

■ 0, 12.960, 173.496

■ 72, 12.960,
173.496

■ 72, 12.960,
173.496

■ 71, 20.129,
172.443

■ 73, 5.580, 174.497

■ 75, 1.916, 355.082

■ 70, 26.968,
171.307

■ 77, 9.441, 356.109

■ 69, 33.355,
170.062

■ 78, 16.931,
356.926

■ 68, 39.169,
168.681

■ 80, 24.335,
357.692

■ 67, 44.307,
167.142

■ 82, 29.449,
356.253

■ 67, 48.700,
165.421

■ 82, 30.632,
351.020

■ 66, 52.333,
163.503

■ 82, 32.069,
346.242

■ 66, 55.291,
161.407

■ 82, 33.727,
341.931

■ 66, 56.006,
160.883

Harmonies

Complementary

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



72, 12.960, 173.496



66, 13.592, 356.792

Rectangle

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



72, 12.960, 173.496



72, 12.960, 223.496



72, 12.960, 353.496



72, 12.960, 43.496

Sweetspot

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



72, 12.961, 173.492



93, 4.614, 174.753



72, 19.313, 134.442



50, 3.173, 174.674



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, 12.961, 173.492



90, 19.133, 173.093



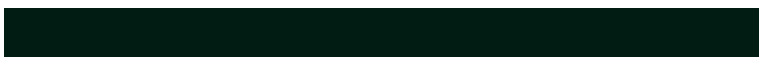
71, 9.734, 218.062



38, 4.238, 174.306



57, 49.355, 161.187



8, 12.615, 167.654

Inverse Universe

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



66, 13.592, 356.792



81, 20.287, 357.244



67, 10.907, 37.395



36, 4.348, 355.908



32, 60.030, 19.138



2, 11.255, 1.096

Previews

White Background



This preview shows how the CIELCh color 72, 12.960, 173.496 looks on a white background.

Color Contrast Check

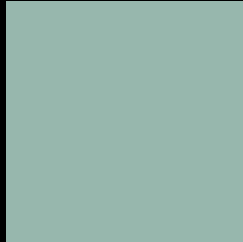
Large Text (above 18pt) WCAG AA × Fail

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, 12.960, 173.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

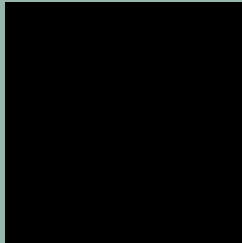
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 12.960, 173.496

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.960, 173.496.

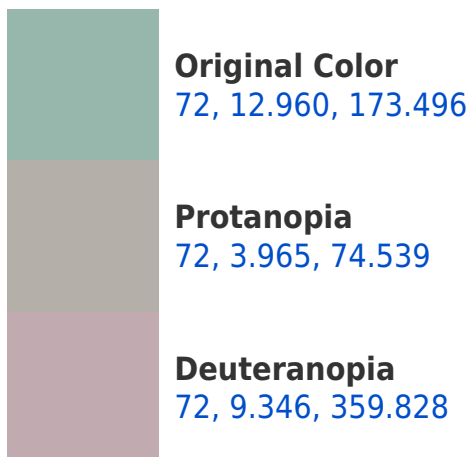


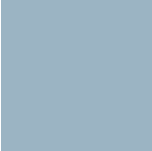
This preview shows how white text looks on a background with the CIELCh color 72, 12.960, 173.496.

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
72, 11.729, 243.264

Trichromacy



Original Color
72, 12.960, 173.496

Protanomaly
72, 4.874, 147.833

Deuteranomaly
72, 1.128, 19.058

Tritanomaly
72, 10.000, 217.884

Monochromacy



Original Color
72, 12.960, 173.496

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.991, 173.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.960, 173.496 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, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(151, 183, 173)  
}
```

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, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 183, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.960, 173.496 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, 183, 173) }
```

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

```
.border{ border-color:rgb(151, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(151, 183,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.960, 173.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 183, 173) }
```

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

```
.background{ background-color: rgb(151,  
183, 173) }
```

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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