

Converting Colors

CIELCh(72, 23.811, 188.291)

Have a look what the booklet for
CIELCh(72, 23.811, 188.291)
contains.

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Color

CIELCh(72, 23.862, 188.288)

Conversions

Conversions Part 1

Format	Color
Hex	77BDB6
RGB	119, 189, 182
RGB Percent	47%, 74%, 71%
CMY	0.5336, 0.2591, 0.2865
CMYK	0.37, 0.00, 0.04, 0.26
HSL	174°, 35%, 60%
HSV	174°, 37%, 74%
XYZ	34.2193, 43.6590, 50.8442
YIQ	167.2720, -39.4730, -17.0170

Conversions

Conversions Part 2

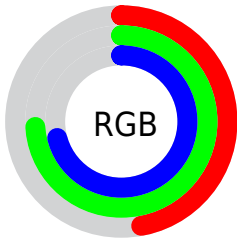
Format	Color
RYB	119, 156, 189
Decimal	7847350
CIELab	72.00, -23.61, -3.44
CIELCh	72, 23.862, 188.288
Yxy	43.6590, 0.2658, 0.3392
Android (android.graphics.Color)	4286037430 (0xFF77BDB6)
YUV	167.2720, 7.2609, -42.3345
Hunter-Lab	66.0750, -23.1886, 0.6293

Details

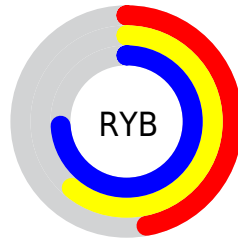
The CIELCh color **72, 23.862, 188.288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 29.353, 15.261**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 23.637, 189.022**, and **52, 23.811, 188.546** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.108, 187.464**, and if you desaturate by 10%, it is **73, 18.005, 189.088**.

Distribution



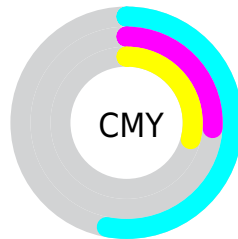
- Red (47%)
- Green (74%)
- Blue (71%)



- Red (47%)
- Yellow (61%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)



- Cyan (53%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 23.862, 188.288 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, 23.862, 188.288 by changing the saturation by 10% instead.

 72, 23.862,
188.288

 72, 23.862,
188.288


 100, 23.862,
188.288

 62, 23.862,
188.288


 92, 23.862,
188.288

 52, 23.862,
188.288

 42, 23.862,
188.288

 32, 23.862,
188.288

 22, 23.862,
188.288

 12, 23.862,
188.288

 2, 23.862, 188.288

■ 0, 23.862, 188.288

■ 72, 23.862,
188.288

■ 72, 23.862,
188.288

■ 71, 29.108,
187.464

■ 73, 18.005,
189.088

■ 70, 33.637,
186.611

■ 74, 11.652,
189.884

■ 70, 37.367,
185.714

■ 76, 4.916, 190.713

■ 77, 2.095, 11.124

■ 69, 40.254,
184.755

■ 79, 9.290, 12.065

■ 69, 42.307,
183.715

■ 80, 16.589, 12.832

■ 69, 43.616,
182.585

■ 82, 23.932, 13.574

■ 69, 43.946,
182.249

■ 83, 25.451, 11.951

■ 83, 25.538, 9.747

Harmonies

Complementary

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



72, 23.862, 188.288



58, 29.353, 15.261

Rectangle

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



72, 23.862, 188.288



72, 23.862, 238.288



72, 23.862, 8.288



72, 23.862, 58.288

Sweetspot

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



72, 23.862, 188.285



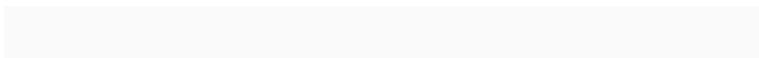
95, 9.397, 190.359



71, 44.553, 138.972



50, 6.294, 190.248



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 23.862, 188.285



90, 33.939, 187.659



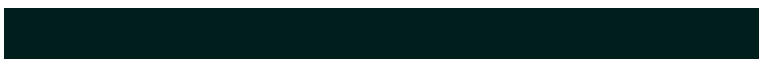
65, 20.045, 247.148



39, 3.932, 190.512



58, 38.460, 182.420



9, 12.261, 185.928

Inverse Universe

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



58, 29.353, 15.261



69, 43.818, 16.622



64, 24.045, 58.434



37, 4.124, 11.848



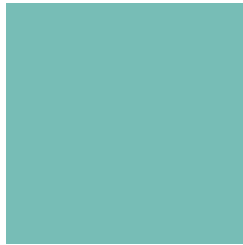
33, 68.930, 35.286



3, 12.330, 13.660

Previews

White Background



This preview shows how the CIELCh color 72, 23.862, 188.288 looks on a white background.

Color Contrast Check

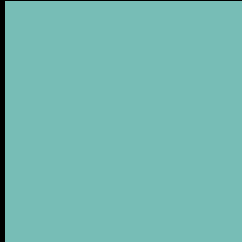
Large Text (above 18pt) WCAG AA × Fail

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, 23.862, 188.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

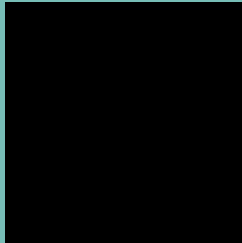
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

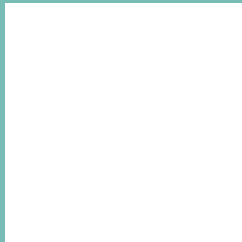
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 23.862, 188.288

Background



This preview shows how black text looks on a background with the CIELCh color 72, 23.862, 188.288.

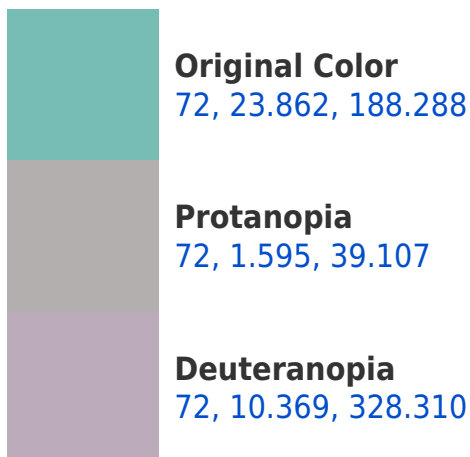


This preview shows how white text looks on a background with the CIELCh color 72, 23.862, 188.288.

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](#).

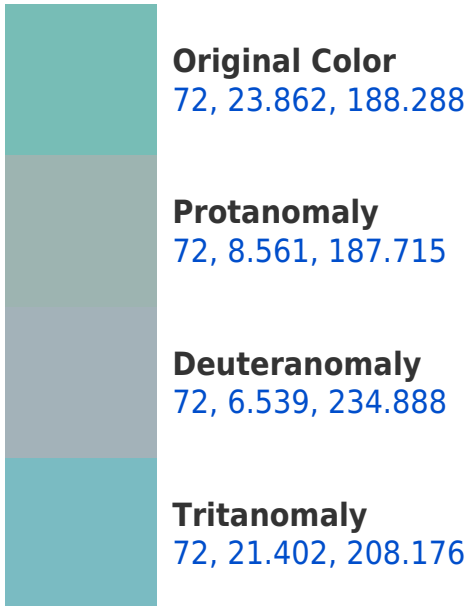
Dichromacy



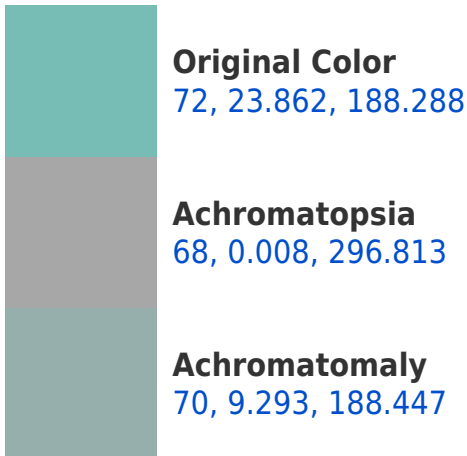


Tritanopia
72, 21.219, 220.840

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 23.862, 188.288 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, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(119, 189, 182)  
}
```

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, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 189, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 23.862, 188.288 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, 189, 182) }
```

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

```
.border{ border-color:rgb(119, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(119, 189,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 23.862, 188.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 189, 182) }
```

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

```
.background{ background-color: rgb(119,  
189, 182) }
```

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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