

Converting Colors

CIELCh(72, 31.167, 175.394)

Have a look what the booklet for
CIELCh(72, 31.167, 175.394)
contains.

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Color

CIELCh(72, 31.183, 175.395)

Conversions

Conversions Part 1

Format	Color
Hex	6AC0AB
RGB	106, 192, 171
RGB Percent	42%, 75%, 67%
CMY	0.5846, 0.2474, 0.3297
CMYK	0.45, 0.00, 0.11, 0.25
HSL	165°, 41%, 58%
HSV	165°, 45%, 75%
XYZ	32.1085, 43.6590, 45.2227
YIQ	163.8920, -44.5150, -24.7630

Conversions

Conversions Part 2

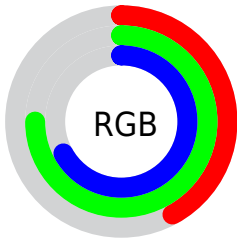
Format	Color
RYB	106, 155, 192
Decimal	6996139
CIELab	72.00, -31.08, 2.50
CIELCh	72, 31.183, 175.395
Yxy	43.6590, 0.2654, 0.3608
Android (android.graphics.Color)	4285186219 (0xFF6AC0AB)
YUV	163.8920, 3.5042, -50.7713
Hunter-Lab	66.0750, -28.8910, 5.6735

Details

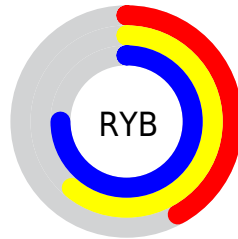
The CIELCh color **72, 31.183, 175.395** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 36.778, 5.731**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 31.257, 174.963**, and **52, 31.220, 175.559** is the 20% darker color. If you saturate the color by 10%, you get **71, 36.865, 174.131**, and if you desaturate by 10%, it is **73, 24.894, 176.548**.

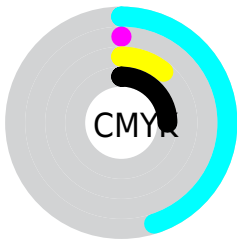
Distribution



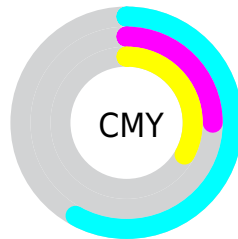
- Red (42%)
- Green (75%)
- Blue (67%)



- Red (42%)
- Yellow (61%)
- Blue (75%)



- Cyan (45%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)





- Cyan (58%)
- Magenta (25%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 31.183, 175.395 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, 31.183, 175.395 by changing the saturation by 10% instead.


 72, 31.183,
175.395


 72, 31.183,
175.395


 100, 31.183,
175.395


 62, 31.183,
175.395


 92, 31.183,
175.395

 52, 31.183,
175.395

 42, 31.183,
175.395

 32, 31.183,
175.395

 22, 31.183,
175.395

 12, 31.183,
175.395

 2, 31.183, 175.395

0, 31.183, 175.395

72, 31.183,
175.395

72, 31.183,
175.395

71, 36.865,
174.131

73, 24.894,
176.548

71, 41.833,
172.739

74, 18.119,
177.618

70, 46.013,
171.191

75, 10.984,
178.625

70, 49.383,
169.468

77, 3.603, 179.646

69, 51.990,
167.559

79, 3.922, 0.271

80, 11.505, 1.192

69, 53.173,
166.546

82, 19.080, 2.013

■ 84, 25.001, 1.356

■ 84, 25.764,
356.133

Harmonies

Complementary

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



72, 31.183, 175.395



55, 36.778, 5.731

Rectangle

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



72, 31.183, 175.395



72, 31.183, 225.395



72, 31.183, 355.395



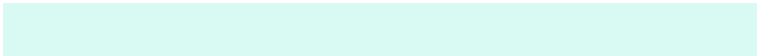
72, 31.183, 45.395

Sweetspot

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



72, 31.184, 175.393



96, 11.970, 178.783



72, 52.060, 134.918



51, 8.351, 178.563



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 31.184, 175.393



90, 44.995, 174.124



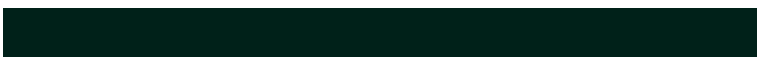
66, 22.949, 229.524



40, 4.264, 179.163



59, 46.418, 166.837



10, 14.902, 172.310

Inverse Universe

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



55, 36.778, 5.731



66, 55.102, 7.894



59, 31.357, 44.278



38, 4.404, 0.764



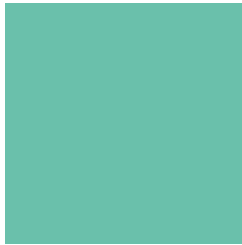
33, 63.680, 25.296



3, 14.418, 6.320

Previews

White Background



This preview shows how the CIELCh color 72, 31.183, 175.395 looks on a white background.

Color Contrast Check

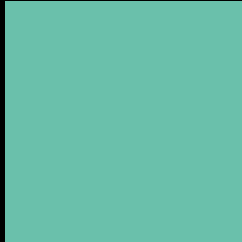
Large Text (above 18pt) WCAG AA × Fail

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, 31.183, 175.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

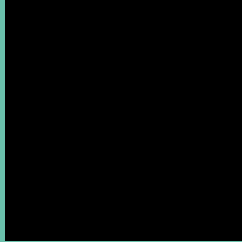
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 31.183, 175.395

Background



This preview shows how black text looks on a background with the CIELCh color 72, 31.183, 175.395.

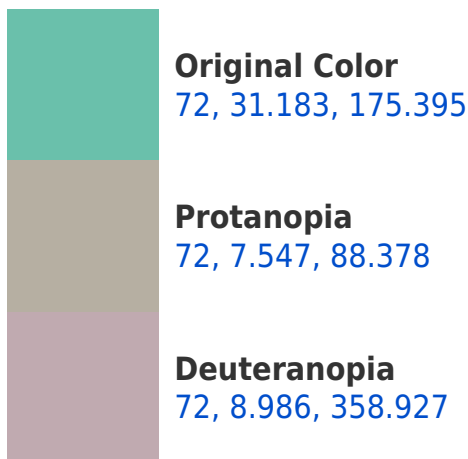


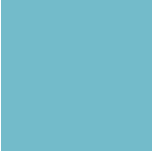
This preview shows how white text looks on a background with the CIELCh color 72, 31.183, 175.395.

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, 23.684, 218.176

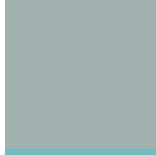
Trichromacy



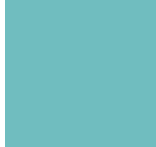
Original Color
72, 31.183, 175.395



Protanomaly
71, 13.410, 157.829



Deuteranomaly
71, 6.671, 179.809



Tritanomaly
72, 24.726, 200.075

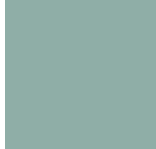
Monochromacy



Original Color
72, 31.183, 175.395



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 12.028, 179.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 31.183, 175.395 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(106, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(106, 192, 171)  
}
```

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(106, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 192, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 31.183, 175.395 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(106, 192, 171) }
```

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

```
.border{ border-color:rgb(106, 192, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 192, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(106, 192,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 31.183, 175.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 192, 171) }
```

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

```
.background{ background-color: rgb(106,  
192, 171) }
```

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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