

Converting Colors

CIELCh(73, 27.159, 175.749)

Have a look what the booklet for
CIELCh(73, 27.159, 175.749)
contains.

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Color

CIELCh(73, 27.014, 176.026)

Conversions

Conversions Part 1

Format	Color
Hex	78C1AF
RGB	120, 193, 175
RGB Percent	47%, 76%, 69%
CMY	0.5298, 0.2436, 0.3142
CMYK	0.38, 0.00, 0.09, 0.24
HSL	165°, 37%, 61%
HSV	165°, 38%, 76%
XYZ	34.5012, 45.1644, 47.3982
YIQ	169.1210, -37.7300, -21.0740

Conversions

Conversions Part 2

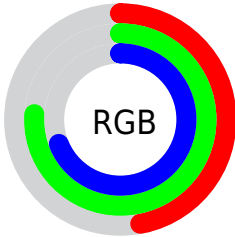
Format	Color
RYB	120, 162, 193
Decimal	7913903
CIELab	73.00, -26.95, 1.87
CIELCh	73, 27.014, 176.026
Yxy	45.1644, 0.2715, 0.3554
Android (android.graphics.Color)	4286103983 (0xFF78C1AF)
YUV	169.1210, 2.8983, -43.0791
Hunter-Lab	67.2044, -25.9701, 5.2268

Details

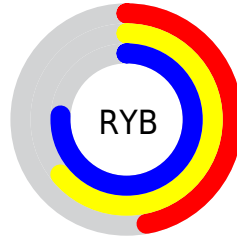
The CIELCh color **73, 27.014, 176.026** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 30.978, 4.311**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 27.260, 175.353**, and **53, 26.968, 176.591** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.173, 174.835**, and if you desaturate by 10%, it is **74, 20.333, 177.120**.

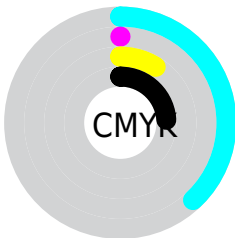
Distribution



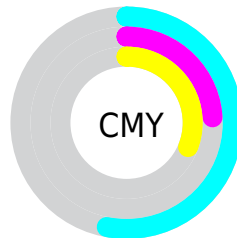
- Red (47%)
- Green (76%)
- Blue (69%)



- Red (47%)
- Yellow (64%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)





- Cyan (53%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 27.014, 176.026 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 73, 27.014, 176.026 by changing the saturation by 10% instead.


 73, 27.014,
176.026


 73, 27.014,
176.026


 100, 27.014,
176.026


 63, 27.014,
176.026


 93, 27.014,
176.026

 53, 27.014,
176.026

 43, 27.014,
176.026

 33, 27.014,
176.026

 23, 27.014,
176.026

 13, 27.014,
176.026

 3, 27.014, 176.026

■ 0, 27.014, 176.026

■ 73, 27.014,
176.026

■ 73, 27.014,
176.026

■ 72, 33.173,
174.835

■ 74, 20.333,
177.120

■ 71, 38.687,
173.531

■ 75, 13.252,
178.146

■ 71, 43.458,
172.087

■ 77, 5.893, 179.141

■ 70, 47.426,
170.481

■ 78, 1.637, 359.661

■ 70, 50.587,
168.693

■ 80, 9.249, 0.756

■ 70, 53.044,
166.737

■ 82, 16.869, 1.594

■ 84, 24.442, 2.384

■ 70, 53.543,
166.320

■ 84, 25.208,
356.969

■ 84, 26.172,
351.895

Harmonies

Complementary

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



73, 27.014, 176.026



59, 30.978, 4.311

Rectangle

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



73, 27.014, 176.026



73, 27.014, 226.026



73, 27.014, 356.026



73, 27.014, 46.026

Sweetspot

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



73, 27.015, 176.024



96, 10.165, 178.807



73, 44.383, 135.342



51, 6.818, 178.672



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 27.015, 176.024



91, 38.765, 175.098



68, 20.020, 228.530



40, 4.269, 178.986



59, 46.560, 166.621



10, 14.934, 172.115

Inverse Universe

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



59, 30.978, 4.311



70, 45.814, 5.728



62, 25.856, 44.287



38, 4.408, 0.588



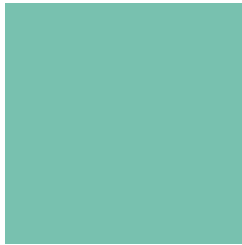
33, 63.592, 25.096



3, 14.425, 6.197

Previews

White Background



This preview shows how the CIELCh color 73, 27.014, 176.026 looks on a white background.

Color Contrast Check

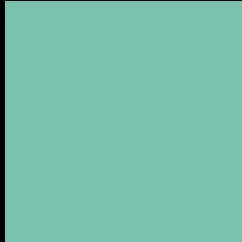
Large Text (above 18pt) WCAG AA × Fail

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 73, 27.014, 176.026 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 73, 27.014, 176.026

Background



This preview shows how black text looks on a background with the CIELCh color 73, 27.014, 176.026.

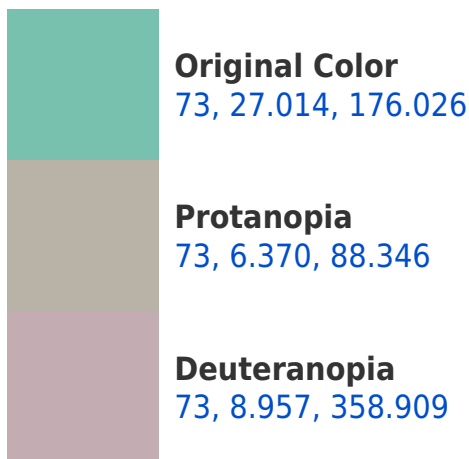


This preview shows how white text looks on a background with the CIELCh color 73, 27.014, 176.026.

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
73, 21.208, 220.792

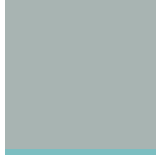
Trichromacy



Original Color
73, 27.014, 176.026



Protanomaly
72, 10.885, 158.157



Deuteranomaly
72, 4.572, 185.366



Tritanomaly
73, 21.708, 202.114

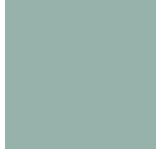
Monochromacy



Original Color
73, 27.014, 176.026



Achromatopsia
69, 0.009, 296.813



Achromatomaly
70, 10.667, 177.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 27.014, 176.026 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(120, 193, 175)` looks like.

```
.text, #text, p{  
    color:rgb(120, 193, 175)  
}
```

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(120, 193, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 193, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 27.014, 176.026 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(120, 193, 175) }
```

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

```
.border{ border-color:rgb(120, 193, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 193, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 193, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 193, 175);  
box-shadow:4px 4px 4px 4px rgb(120, 193,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 27.014, 176.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 193, 175) }
```

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

```
.background{ background-color: rgb(120,  
193, 175) }
```

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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