

Converting Colors

CIELCh(73, 18.375, 197.993)

Have a look what the booklet for
CIELCh(73, 18.375, 197.993)
contains.

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Color

CIELCh(73, 18.367, 197.999)

Conversions

Conversions Part 1

Format	Color
Hex	87BDBD
RGB	135, 189, 189
RGB Percent	53%, 74%, 74%
CMY	0.4710, 0.2592, 0.2592
CMYK	0.29, 0.00, 0.00, 0.26
HSL	180°, 29%, 63%
HSV	180°, 29%, 74%
XYZ	37.3263, 45.1644, 54.8371
YIQ	172.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

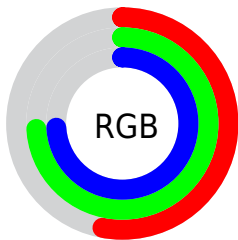
Format	Color
RYB	135, 162, 189
Decimal	8895933
CIELab	73.00, -17.47, -5.68
CIELCh	73, 18.367, 197.999
Yxy	45.1644, 0.2718, 0.3289
Android (android.graphics.Color)	4287086013 (0xFF87BDBD)
YUV	172.8540, 7.9600, -33.1980
Hunter-Lab	67.2044, -18.4665, -1.3360

Details

The CIELCh color **73, 18.367, 197.999** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 22.270, 21.711**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 18.187, 198.267**, and **53, 18.427, 197.606** is the 20% darker color. If you saturate the color by 10%, you get **72, 23.788, 197.578**, and if you desaturate by 10%, it is **74, 12.357, 198.472**.

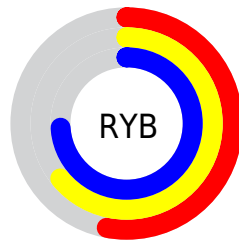
Distribution



Red (53%)

Green (74%)

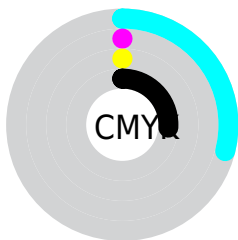
Blue (74%)



Red (53%)

Yellow (64%)

Blue (74%)

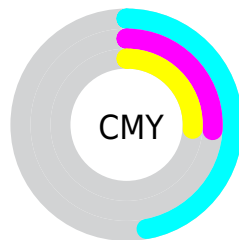


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (26%)



Cyan (47%)


Magenta (26%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 18.367, 197.999 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, 18.367, 197.999 by changing the saturation by 10% instead.


 73, 18.367,
197.999

 73, 18.367,
197.999


 100, 18.367,
197.999


 63, 18.367,
197.999


 93, 18.367,
197.999

 53, 18.367,
197.999

 43, 18.367,
197.999

 33, 18.367,
197.999

 23, 18.367,
197.999

 13, 18.367,
197.999

 3, 18.367, 197.999

■ 0, 18.367, 197.999

■ 73, 18.367,
197.999

■ 73, 18.367,
197.999

■ 72, 23.788,
197.578

■ 74, 12.357,
198.472

■ 71, 28.515,
197.221

■ 75, 5.869, 199.027

■ 71, 32.457,
196.929

■ 77, 0.991, 18.948

■ 78, 8.123, 19.991

■ 70, 35.555,
196.702

■ 80, 15.443, 20.618

■ 70, 37.790,
196.540

■ 82, 22.879, 21.240

■ 83, 25.555, 21.463

■ 70, 39.195,
196.438

■ 83, 25.555, 21.462

■ 69, 39.913,
196.386

■ 83, 25.555, 21.461

■ 69, 39.996,
196.380

Harmonies

Complementary

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



73, 18.367, 197.999



62, 22.270, 21.711

Rectangle

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



73, 18.367, 197.999



73, 18.367, 247.999



73, 18.367, 17.999



73, 18.367, 67.999

Sweetspot

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



73, 18.367, 197.995



95, 7.584, 198.992



72, 35.604, 142.092



50, 5.248, 198.904



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 18.367, 197.995



91, 26.334, 197.739



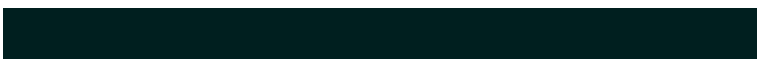
66, 16.972, 257.933



39, 3.863, 198.979



59, 35.061, 196.380



9, 11.663, 196.734

Inverse Universe

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



62, 22.270, 21.711



75, 33.414, 22.461



68, 18.499, 70.141



37, 4.096, 19.914



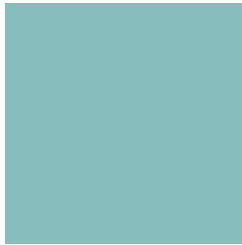
32, 72.801, 39.663



3, 12.251, 19.403

Previews

White Background



This preview shows how the CIELCh color 73, 18.367, 197.999 looks on a white background.

Color Contrast Check

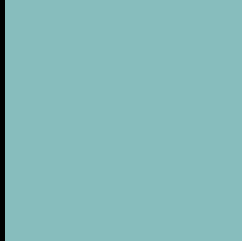
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 18.367, 197.999 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

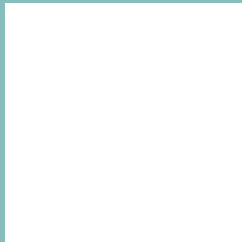
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 18.367, 197.999

Background



This preview shows how black text looks on a background with the CIELCh color 73, 18.367, 197.999.

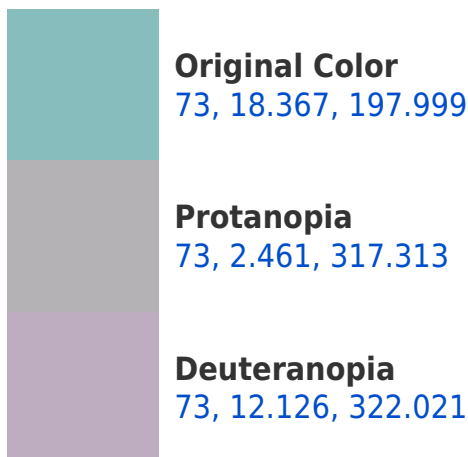


This preview shows how white text looks on a background with the CIELCh color 73, 18.367, 197.999.

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](#).

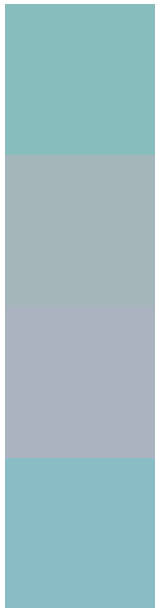
Dichromacy





Tritanopia
73, 17.850, 225.648

Trichromacy



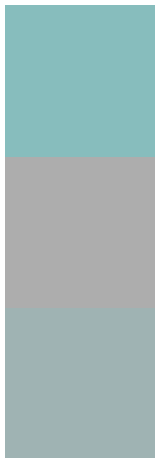
Original Color
73, 18.367, 197.999

Protanomaly
73, 6.658, 213.181

Deuteranomaly
73, 7.214, 264.256

Tritanomaly
73, 17.569, 214.436

Monochromacy



Original Color
73, 18.367, 197.999

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.263, 198.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 18.367, 197.999 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(135, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(135, 189, 189)  
}
```

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(135, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 189, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 18.367, 197.999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

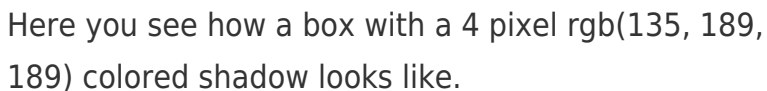
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 189, 189) }
```

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

```
.border{ border-color:rgb(135, 189, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 189, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 189, 189); box-shadow:4px 4px 4px 4px rgb(135, 189, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 18.367, 197.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 189, 189) }
```

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

```
.background{ background-color: rgb(135,  
189, 189) }
```

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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