

Converting Colors

CIELCh(73, 16.221, 198.157)

Have a look what the booklet for
CIELCh(73, 16.221, 198.157)
contains.

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Color

CIELCh(73, 16.212, 198.163)

Conversions

Conversions Part 1

Format	Color
Hex	8DBCBC
RGB	141, 188, 188
RGB Percent	55%, 74%, 74%
CMY	0.4477, 0.2634, 0.2634
CMYK	0.25, 0.00, 0.00, 0.26
HSL	180°, 26%, 64%
HSV	180°, 25%, 74%
XYZ	37.9610, 45.1644, 54.1968
YIQ	173.9470, -28.0120, -9.9640

Conversions

Conversions Part 2

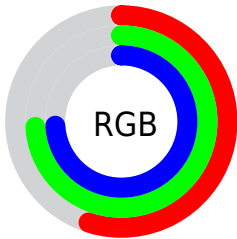
Format	Color
RYB	141, 165, 188
Decimal	9288892
CIELab	73.00, -15.40, -5.05
CIELCh	73, 16.212, 198.163
Yxy	45.1644, 0.2764, 0.3289
Android (android.graphics.Color)	4287478972 (0xFF8DBCBC)
YUV	173.9470, 6.9281, -28.8945
Hunter-Lab	67.2044, -16.7805, -0.7711

Details

The CIELCh color **73, 16.212, 198.163** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 19.145, 21.314**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 16.032, 198.405**, and **53, 16.347, 197.801** is the 20% darker color. If you saturate the color by 10%, you get **72, 21.831, 197.720**, and if you desaturate by 10%, it is **74, 10.047, 198.658**.

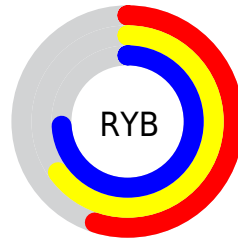
Distribution



Red (55%)

Green (74%)

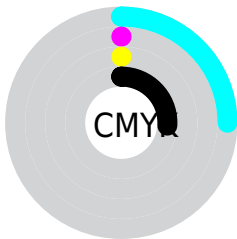
Blue (74%)



Red (55%)

Yellow (65%)

Blue (74%)

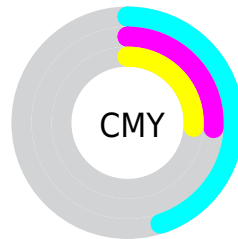


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (26%)



Cyan (45%)


Magenta (26%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.212, 198.163 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, 16.212, 198.163 by changing the saturation by 10% instead.


 73, 16.212,
198.163


 73, 16.212,
198.163


 100, 16.212,
198.163


 63, 16.212,
198.163


 93, 16.212,
198.163

 53, 16.212,
198.163

 43, 16.212,
198.163

 33, 16.212,
198.163

 23, 16.212,
198.163

 13, 16.212,
198.163

 3, 16.212, 198.163

■ 0, 16.212, 198.163

■ 73, 16.212,
198.163

■ 73, 16.212,
198.163

■ 72, 21.831,
197.720

■ 74, 10.047,
198.658

■ 71, 26.794,
197.342

■ 75, 3.445, 199.280

■ 70, 31.006,
197.026

■ 77, 3.490, 19.532

■ 79, 10.665, 20.216

■ 70, 34.396,
196.776

■ 80, 17.999, 20.838

■ 70, 36.928,
196.591

■ 82, 25.429, 21.462

■ 82, 26.011, 21.510

■ 69, 38.617,
196.468

■ 82, 26.011, 21.509

■ 69, 39.532,
196.401

■ 82, 26.011, 21.508

■ 69, 39.827,
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, 16.212, 198.163



63, 19.145, 21.314

Rectangle

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



73, 16.212, 198.163



73, 16.212, 248.163



73, 16.212, 18.163



73, 16.212, 68.163

Sweetspot

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



73, 16.213, 198.158



95, 6.758, 199.056



72, 31.036, 142.381



50, 4.783, 198.962



98, 0.011, 296.813



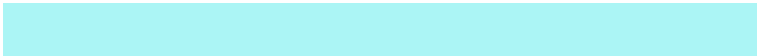
51, 0.007, 296.813

Same Dimension

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



73, 16.213, 198.158



92, 23.622, 197.911



67, 14.832, 257.271



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.



63, 19.145, 21.314



77, 29.053, 21.937



69, 15.974, 70.573



37, 4.096, 19.914



32, 72.801, 39.663



3, 12.251, 19.402

Previews

White Background



This preview shows how the CIELCh color 73, 16.212, 198.163 looks on a white background.

Color Contrast Check

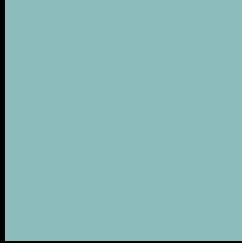
Large Text (above 18pt) WCAG AA × Fail

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, 16.212, 198.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

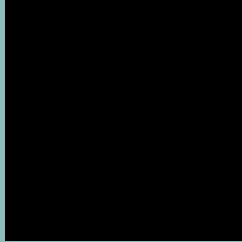
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 16.212, 198.163

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.212, 198.163.

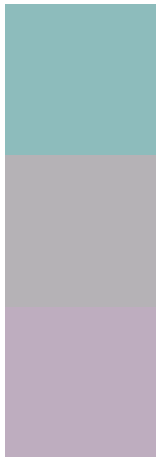


This preview shows how white text looks on a background with the CIELCh color 73, 16.212, 198.163.

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



Original Color

73, 16.212, 198.163

Protanopia

73, 2.461, 317.313

Deuteranopia

73, 11.669, 323.405



Tritanopia
73, 16.010, 229.243

Trichromacy



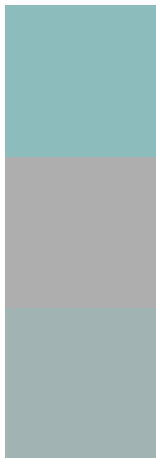
Original Color
73, 16.212, 198.163

Protanomaly
73, 5.879, 209.703

Deuteranomaly
72, 6.835, 272.385

Tritanomaly
73, 15.542, 216.777

Monochromacy



Original Color
73, 16.212, 198.163

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 6.200, 198.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.212, 198.163 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(141, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(141, 188, 188)  
}
```

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(141, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 188, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.212, 198.163 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(141, 188, 188) }
```

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

```
.border{ border-color:rgb(141, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(141, 188,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.212, 198.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 188, 188) }
```

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

```
.background{ background-color: rgb(141,  
188, 188) }
```

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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