

Converting Colors

CIELCh(73, 16.722, 198.799)

Have a look what the booklet for
CIELCh(73, 16.722, 198.799)
contains.

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Color

CIELCh(73, 16.838, 198.114)

Conversions

Conversions Part 1

Format	Color
Hex	8BBCBC
RGB	139, 188, 188
RGB Percent	55%, 74%, 74%
CMY	0.4544, 0.2622, 0.2622
CMYK	0.26, 0.00, 0.00, 0.26
HSL	180°, 27%, 64%
HSV	180°, 26%, 74%
XYZ	37.7760, 45.1644, 54.3831
YIQ	173.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

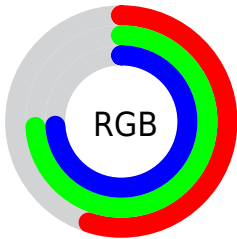
Format	Color
RYB	139, 164, 188
Decimal	9157820
CIELab	73.00, -16.00, -5.24
CIElCh	73, 16.838, 198.114
Yxy	45.1644, 0.2751, 0.3289
Android (android.graphics.Color)	4287347900 (0xFF8BBCBC)
YUV	173.3490, 7.2229, -30.1241
Hunter-Lab	67.2044, -17.2720, -0.9355

Details

The CIELCh color **73, 16.838, 198.114** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 20.034, 21.424**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 16.656, 198.364**, and **53, 16.956, 197.741** is the 20% darker color. If you saturate the color by 10%, you get **72, 22.402, 197.677**, and if you desaturate by 10%, it is **74, 10.716, 198.602**.

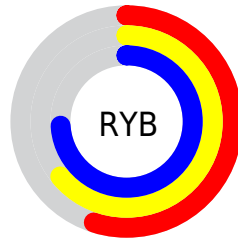
Distribution



Red (55%)

Green (74%)

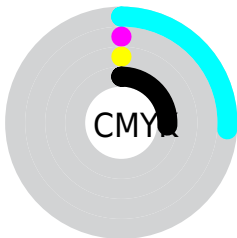
Blue (74%)



Red (55%)

Yellow (64%)

Blue (74%)

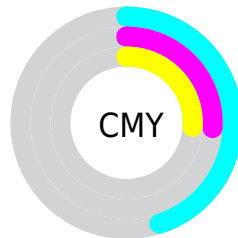


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (26%)



Cyan (45%)


Magenta (26%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.838, 198.114 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, 16.838, 198.114 by changing the saturation by 10% instead.


 73, 16.838,
198.114


 73, 16.838,
198.114


 100, 16.838,
198.114


 63, 16.838,
198.114


 93, 16.838,
198.114

 53, 16.838,
198.114

 43, 16.838,
198.114

 33, 16.838,
198.114

 23, 16.838,
198.114

 13, 16.838,
198.114

 3, 16.838, 198.114

0, 16.838, 198.114

73, 16.838,
198.114

73, 16.838,
198.114

72, 22.402,
197.677

74, 10.716,
198.602

71, 27.298,
197.305

75, 4.145, 199.198

71, 31.434,
196.996

77, 2.770, 19.433

78, 9.933, 20.151

70, 34.741,
196.752

80, 17.265, 20.774

70, 37.188,
196.574

82, 24.697, 21.397

82, 25.878, 21.495

69, 38.794,
196.457

82, 25.878, 21.494

■ 69, 39.643,
196.395

■ 82, 25.877, 21.493

■ 69, 39.877,
196.378

Harmonies

Complementary

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



73, 16.838, 198.114



63, 20.034, 21.424

Rectangle

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



73, 16.838, 198.114



73, 16.838, 248.114



73, 16.838, 18.114



73, 16.838, 68.114

Sweetspot

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



73, 16.839, 198.110



95, 6.758, 199.055



72, 32.350, 142.300



50, 4.783, 198.961



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, 16.839, 198.110



92, 24.312, 197.866



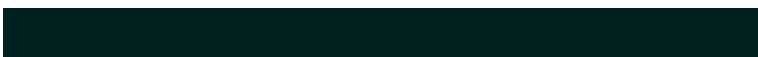
66, 15.448, 257.457



39, 3.863, 198.978



59, 35.061, 196.378



9, 11.663, 196.733

Inverse Universe

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



63, 20.034, 21.424



76, 30.133, 22.062



69, 16.694, 70.449



37, 4.096, 19.913



32, 72.801, 39.662



3, 12.251, 19.402

Previews

White Background



This preview shows how the CIELCh color 73, 16.838, 198.114 looks on a white background.

Color Contrast Check

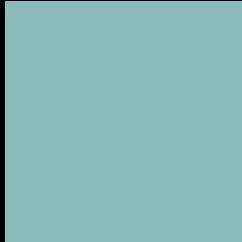
Large Text (above 18pt) WCAG AA × Fail

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, 16.838, 198.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

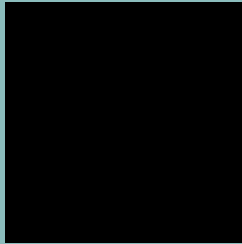
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

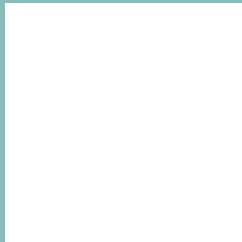
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 16.838, 198.114

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.838, 198.114.

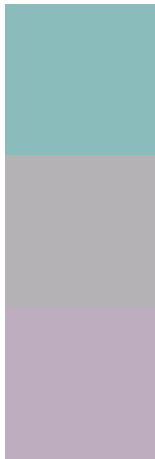


This preview shows how white text looks on a background with the CIELCh color 73, 16.838, 198.114.

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](#).

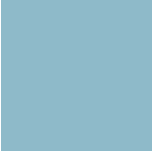
Dichromacy



Original Color
73, 16.838, 198.114

Protanopia
73, 2.461, 317.313

Deuteranopia
73, 11.669, 323.405



Tritanopia
73, 16.538, 228.129

Trichromacy



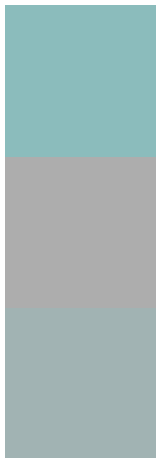
Original Color
73, 16.838, 198.114

Protanomaly
73, 5.879, 209.703

Deuteranomaly
73, 6.442, 267.717

Tritanomaly
73, 16.128, 216.045

Monochromacy



Original Color
73, 16.838, 198.114

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 6.556, 198.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.838, 198.114 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(139, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(139, 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(139, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 188, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.838, 198.114 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(139, 188, 188) }
```

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

```
.border{ border-color:rgb(139, 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(139, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(139, 188,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.838, 198.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 188, 188) }
```

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

```
.background{ background-color: rgb(139,  
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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