

Converting Colors

CIELCh(73, 11.847, 198.514)

Have a look what the booklet for
CIELCh(73, 11.847, 198.514)
contains.

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Color

CIELCh(73, 12.014, 198.492)

Conversions

Conversions Part 1

Format	Color
Hex	98BABA
RGB	152, 186, 186
RGB Percent	60%, 73%, 73%
CMY	0.4051, 0.2718, 0.2718
CMYK	0.18, 0.00, 0.00, 0.27
HSL	180°, 20%, 66%
HSV	180°, 18%, 73%
XYZ	39.2150, 45.1644, 52.9316
YIQ	175.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

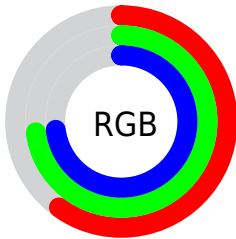
Format	Color
R _Y B	152, 169, 186
Decimal	10009274
CIE Lab	73.00, -11.39, -3.81
CIE LCh	73, 12.014, 198.492
Yxy	45.1644, 0.2856, 0.3289
Android (android.graphics.Color)	4288199354 (0xFF98BABA)
YUV	175.8340, 5.0118, -20.9024
Hunter-Lab	67.2044, -13.4499, 0.3451

Details

The CIELCh color **73, 12.014, 198.492** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 13.523, 20.655**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.896, 198.679**, and **53, 12.167, 198.204** is the 20% darker color. If you saturate the color by 10%, you get **72, 17.958, 198.007**, and if you desaturate by 10%, it is **74, 5.604, 199.043**.

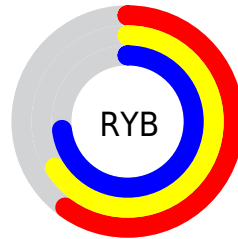
Distribution



Red (60%)

Green (73%)

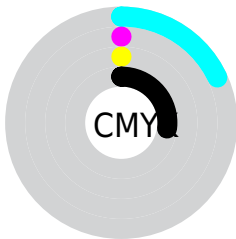
Blue (73%)



Red (60%)

Yellow (66%)

Blue (73%)

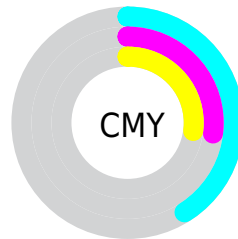


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (27%)



Cyan (41%)


Magenta (27%)


Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 12.014, 198.492 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, 12.014, 198.492 by changing the saturation by 10% instead.


 73, 12.014,
198.492

 73, 12.014,
198.492

 100, 12.014,
198.492

 63, 12.014,
198.492


 93, 12.014,
198.492

 53, 12.014,
198.492

 43, 12.014,
198.492

 33, 12.014,
198.492

 23, 12.014,
198.492

 13, 12.014,
198.492

 3, 12.014, 198.492

0, 12.014, 198.492

73, 12.014,
198.492

73, 12.014,
198.492

72, 17.958,
198.007

74, 5.604, 199.043

71, 23.324,
197.588

76, 1.169, 19.049

70, 28.009,
197.230

77, 8.209, 20.006

70, 31.924,
196.936

81, 22.767, 21.253

69, 35.009,
196.707

82, 26.926, 21.604

69, 37.244,
196.542

82, 26.926, 21.603

82, 26.926, 21.602

■ 69, 38.659,
196.438

■ 82, 26.926, 21.601

■ 68, 39.389,
196.385

■ 68, 39.490,
196.377

Harmonies

Complementary

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



73, 12.014, 198.492



66, 13.523, 20.655

Rectangle

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



73, 12.014, 198.492



73, 12.014, 248.492



73, 12.014, 18.492



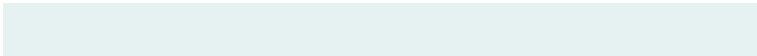
73, 12.014, 68.492

Sweetspot

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



73, 12.015, 198.485



95, 4.218, 199.273



72, 22.477, 142.886



51, 2.897, 199.217



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, 12.015, 198.485



92, 17.689, 198.284



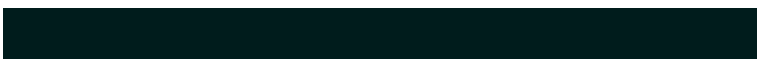
68, 10.807, 256.136



38, 3.777, 198.979



58, 34.645, 196.377



8, 10.518, 197.731

Inverse Universe

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



66, 13.523, 20.655



81, 20.488, 21.038



70, 11.386, 71.379



36, 4.004, 19.910



32, 71.868, 39.596



2, 10.638, 19.401

Previews

White Background



This preview shows how the CIELCh color 73, 12.014, 198.492 looks on a white background.

Color Contrast Check

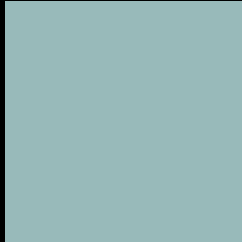
Large Text (above 18pt) WCAG AA × Fail

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, 12.014, 198.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

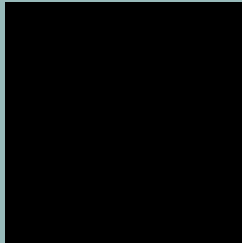
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

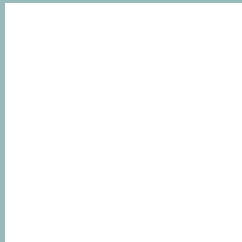
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 12.014, 198.492

Background



This preview shows how black text looks on a background with the CIELCh color 73, 12.014, 198.492.



This preview shows how white text looks on a background with the CIELCh color 73, 12.014, 198.492.

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, 12.014, 198.492

Protanopia

73, 1.993, 324.412

Deuteranopia

73, 10.817, 331.487



Tritanopia
73, 12.618, 235.991

Trichromacy



Original Color
73, 12.014, 198.492

Protanomaly
73, 4.143, 214.430

Deuteranomaly
73, 4.903, 286.392

Tritanomaly
73, 11.991, 222.802

Monochromacy



Original Color
73, 12.014, 198.492

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.763, 199.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 12.014, 198.492 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(152, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(152, 186, 186)  
}
```

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(152, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 186, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 12.014, 198.492 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(152, 186, 186) }
```

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

```
.border{ border-color:rgb(152, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(152, 186,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 12.014, 198.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 186, 186) }
```

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

```
.background{ background-color: rgb(152,  
186, 186) }
```

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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