

Converting Colors

CIELCh(73, 11.075, 201.258)

Have a look what the booklet for
CIELCh(73, 11.075, 201.258)
contains.

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Color

CIELCh(73, 10.988, 201.425)

Conversions

Conversions Part 1

Format	Color
Hex	9AB9BA
RGB	154, 185, 186
RGB Percent	60%, 73%, 73%
CMY	0.3957, 0.2741, 0.2702
CMYK	0.17, 0.01, 0.00, 0.27
HSL	182°, 19%, 67%
HSV	182°, 17%, 73%
XYZ	39.5843, 45.1644, 53.1370
YIQ	175.8450, -18.7970, -6.2610

Conversions

Conversions Part 2

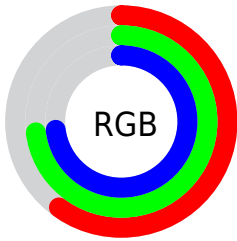
Format	Color
RYB	154, 170, 186
Decimal	10140090
CIELab	73.00, -10.23, -4.01
CIElCh	73, 10.988, 201.425
Yxy	45.1644, 0.2871, 0.3275
Android (android.graphics.Color)	4288330170 (0xFF9AB9BA)
YUV	175.8450, 5.0064, -19.1581
Hunter-Lab	67.2044, -12.4688, 0.1638

Details

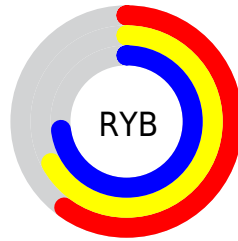
The CIELCh color **73, 10.988, 201.425** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 12.295, 23.051**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 10.902, 201.475**, and **53, 11.112, 201.319** is the 20% darker color. If you saturate the color by 10%, you get **72, 16.805, 201.062**, and if you desaturate by 10%, it is **74, 4.726, 201.879**.

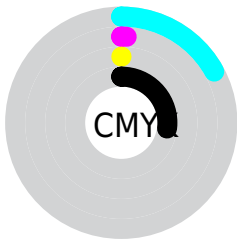
Distribution



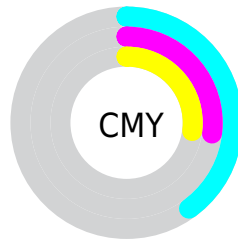
- Red (60%)
- Green (73%)
- Blue (73%)



- Red (60%)
- Yellow (67%)
- Blue (73%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)





- Cyan (40%)
- Magenta (27%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 10.988, 201.425 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, 10.988, 201.425 by changing the saturation by 10% instead.


 73, 10.988,
201.425


 73, 10.988,
201.425


 100, 10.988,
201.425


 63, 10.988,
201.425


 93, 10.988,
201.425

 53, 10.988,
201.425

 43, 10.988,
201.425

 33, 10.988,
201.425

 23, 10.988,
201.425

 13, 10.988,
201.425

 3, 10.988, 201.425

0, 10.988, 201.425

73, 10.988,
201.425

73, 10.988,
201.425

72, 16.805,
201.062

74, 4.726, 201.879

71, 22.067,
200.787

76, 1.882, 21.936

70, 26.672,
200.599

78, 8.746, 22.638

69, 30.528,
200.510

81, 22.943, 23.717

68, 33.566,
200.528

82, 25.872, 24.329

68, 35.758,
200.663

83, 25.675, 24.995

83, 25.481, 25.673

■ 67, 37.121,
200.922

■ 83, 25.292, 26.361

■ 67, 37.759,
201.299

■ 67, 37.886,
201.413

Harmonies

Complementary

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



73, 10.988, 201.425



67, 12.295, 23.051

Rectangle

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



73, 10.988, 201.425



73, 10.988, 251.425



73, 10.988, 21.425



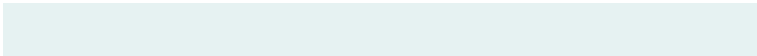
73, 10.988, 71.425

Sweetspot

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



73, 10.989, 201.417



95, 4.088, 202.016



72, 21.022, 143.823



51, 2.807, 201.966



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, 10.989, 201.417



92, 16.408, 201.260



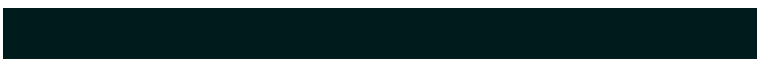
69, 10.476, 259.627



38, 3.660, 201.765



57, 33.203, 201.341



8, 10.008, 202.031

Inverse Universe

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



67, 20.836, 326.218



83, 31.548, 326.449



71, 10.897, 75.052



36, 6.765, 325.773



36, 77.988, 329.493



3, 18.239, 325.929

Previews

White Background



This preview shows how the CIELCh color 73, 10.988, 201.425 looks on a white background.

Color Contrast Check

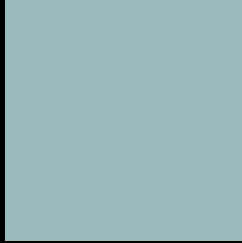
Large Text (above 18pt) WCAG AA × Fail

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, 10.988, 201.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

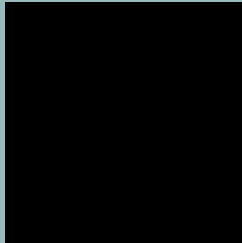
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

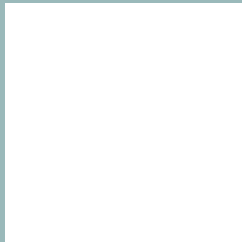
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 10.988, 201.425

Background



This preview shows how black text looks on a background with the CIELCh color 73, 10.988, 201.425.



This preview shows how white text looks on a background with the CIELCh color 73, 10.988, 201.425.

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, 10.988, 201.425

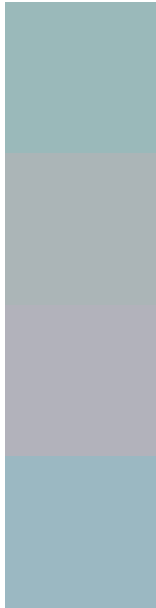
Protanopia
73, 2.461, 317.313

Deuteranopia
73, 10.160, 331.877



Tritanopia
73, 12.182, 241.034

Trichromacy



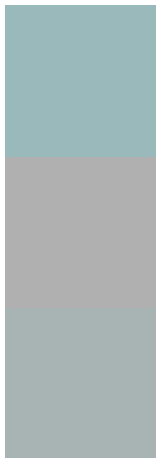
Original Color
73, 10.988, 201.425

Protanomaly
73, 3.797, 215.890

Deuteranomaly
73, 4.895, 290.662

Tritanomaly
73, 11.316, 227.542

Monochromacy



Original Color
73, 10.988, 201.425

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.062, 206.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 10.988, 201.425 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(154, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(154, 185, 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(154, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 185, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 10.988, 201.425 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(154, 185, 186) }
```

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

```
.border{ border-color:rgb(154, 185, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(154, 185,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 10.988, 201.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 185, 186) }
```

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

```
.background{ background-color: rgb(154,  
185, 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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