

Converting Colors

CIELCh(73, 11.054, 209.983)

Have a look what the booklet for
CIELCh(73, 11.054, 209.983)
contains.

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Color

CIELCh(73, 11.062, 209.983)

Conversions

Conversions Part 1

Format	Color
Hex	9AB9BD
RGB	154, 185, 189
RGB Percent	60%, 73%, 74%
CMY	0.3966, 0.2750, 0.2594
CMYK	0.19, 0.02, 0.00, 0.26
HSL	187°, 21%, 67%
HSV	187°, 19%, 74%
XYZ	39.7905, 45.1644, 54.6850
YIQ	176.1870, -19.7600, -5.3280

Conversions

Conversions Part 2

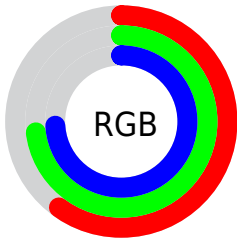
Format	Color
RYB	154, 170, 189
Decimal	10140093
CIELab	73.00, -9.58, -5.53
CIElCh	73, 11.062, 209.983
Yxy	45.1644, 0.2850, 0.3234
Android (android.graphics.Color)	4288330173 (0xFF9AB9BD)
YUV	176.1870, 6.3168, -19.4580
Hunter-Lab	67.2044, -11.9213, -1.2018

Details

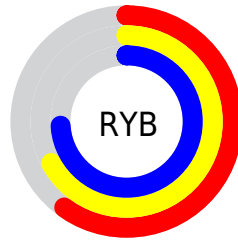
The CIELCh color **73, 11.062, 209.983** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 12.525, 30.492**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 10.984, 209.644**, and **53, 11.167, 210.394** is the 20% darker color. If you saturate the color by 10%, you get **71, 16.452, 210.046**, and if you desaturate by 10%, it is **75, 5.240, 210.057**.

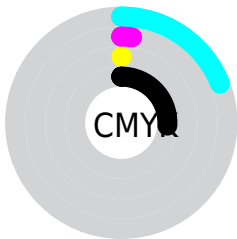
Distribution



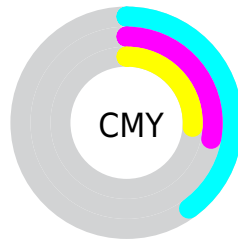
- Red (60%)
- Green (73%)
- Blue (74%)



- Red (60%)
- Yellow (67%)
- Blue (74%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)





- Cyan (40%)
- Magenta (28%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 11.062, 209.983 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, 11.062, 209.983 by changing the saturation by 10% instead.


 73, 11.062,
209.983


 73, 11.062,
209.983


 100, 11.062,
209.983


 63, 11.062,
209.983


 93, 11.062,
209.983

 53, 11.062,
209.983

 43, 11.062,
209.983

 33, 11.062,
209.983

 23, 11.062,
209.983

 13, 11.062,
209.983

 3, 11.062, 209.983

0, 11.062, 209.983

73, 11.062,
209.983

73, 11.062,
209.983

71, 16.452,
210.046

75, 5.240, 210.057

70, 21.309,
210.271

77, 0.924, 29.498

79, 7.346, 30.190

68, 25.534,
210.677

81, 13.956, 30.466

67, 29.038,
211.302

83, 20.697, 30.760

85, 22.737, 32.813

66, 31.754,
212.190

85, 22.211, 35.951

65, 33.654,
213.386

86, 21.757, 39.232

■ 64, 34.761,
214.935

■ 86, 21.380, 42.642

■ 63, 35.216,
216.837

■ 63, 35.268,
217.125

Harmonies

Complementary

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



73, 11.062, 209.983



68, 12.525, 30.492

Rectangle

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



73, 11.062, 209.983



73, 11.062, 259.983



73, 11.062, 29.983



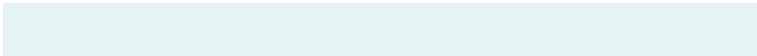
73, 11.062, 79.983

Sweetspot

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



73, 11.062, 209.975



95, 4.578, 210.118



73, 21.647, 146.074



50, 3.031, 210.098



98, 0.011, 296.813



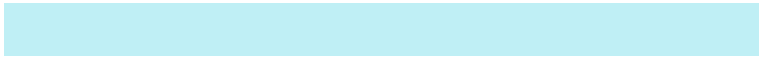
51, 0.007, 296.813

Same Dimension

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



73, 11.062, 209.975



91, 16.014, 209.986



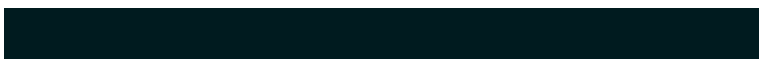
68, 12.426, 268.080



39, 3.471, 210.042



53, 30.949, 216.812



8, 10.072, 213.415

Inverse Universe

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



68, 21.471, 328.773



83, 31.494, 329.002



72, 12.673, 83.040



37, 6.535, 328.222



36, 74.002, 333.304



3, 19.197, 329.905

Previews

White Background



This preview shows how the CIELCh color 73, 11.062, 209.983 looks on a white background.

Color Contrast Check

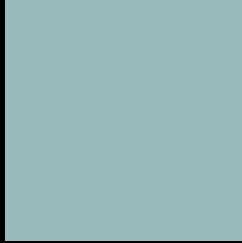
Large Text (above 18pt) WCAG AA × Fail

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, 11.062, 209.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

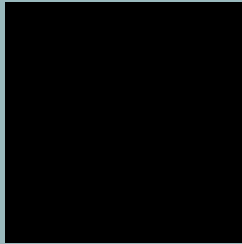
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

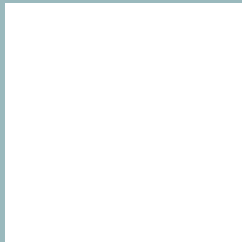
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 11.062, 209.983

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.062, 209.983.



This preview shows how white text looks on a background with the CIELCh color 73, 11.062, 209.983.

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, 12.182, 241.034

Trichromacy



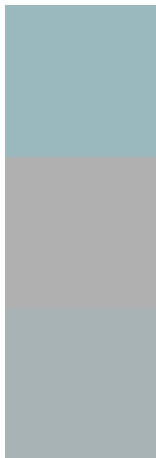
Original Color
73, 11.062, 209.983

Protanomaly
73, 4.829, 241.813

Deuteranomaly
73, 6.528, 287.632

Tritanomaly
73, 11.548, 230.038

Monochromacy



Original Color
73, 11.062, 209.983

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.151, 214.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.062, 209.983 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(154, 185, 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(154, 185, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 185, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.062, 209.983 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, 189) }
```

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

```
.border{ border-color:rgb(154, 185, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 185, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 185, 189);  
box-shadow:4px 4px 4px 4px rgb(154, 185,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.062, 209.983 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, 189) }
```

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

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