

Converting Colors

CIELCh(73, 11.912, 210.660)

Have a look what the booklet for
CIELCh(73, 11.912, 210.660)
contains.

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Color

CIELCh(73, 11.782, 211.956)

Conversions

Conversions Part 1

Format	Color
Hex	98B9BE
RGB	152, 185, 190
RGB Percent	60%, 73%, 75%
CMY	0.4034, 0.2740, 0.2544
CMYK	0.20, 0.03, 0.00, 0.25
HSL	188°, 23%, 67%
HSV	188°, 20%, 75%
XYZ	39.6582, 45.1644, 55.4186
YIQ	175.7030, -21.2730, -5.4410

Conversions

Conversions Part 2

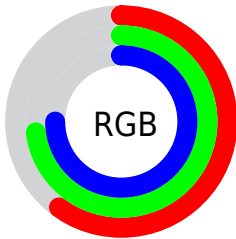
Format	Color
R_{YB}	152, 170, 190
Decimal	10009022
CIE _{Lab}	73.00, -10.00, -6.24
CIE _{LCh}	73, 11.782, 211.956
Yxy	45.1644, 0.2828, 0.3220
Android (android.graphics.Color)	4288199102 (0xFF98B9BE)
YUV	175.7030, 7.0484, -20.7875
Hunter-Lab	67.2044, -12.2726, -1.8490

Details

The CIELCh color **73, 11.782, 211.956** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 13.481, 32.206**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.689, 211.541**, and **53, 11.892, 212.483** is the 20% darker color. If you saturate the color by 10%, you get **71, 17.061, 212.141**, and if you desaturate by 10%, it is **75, 6.062, 211.918**.

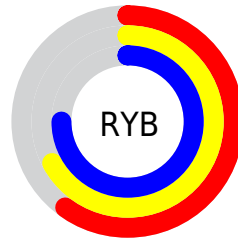
Distribution



Red (60%)

Green (73%)

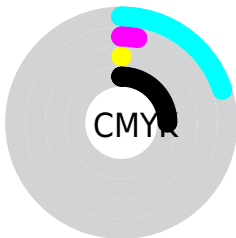
Blue (75%)



Red (60%)

Yellow (67%)

Blue (75%)

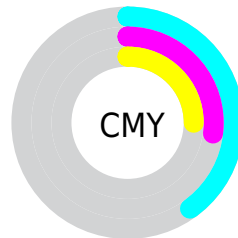


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (40%)


Magenta (27%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 11.782, 211.956 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, 11.782, 211.956 by changing the saturation by 10% instead.


 73, 11.782,
211.956


 73, 11.782,
211.956


 100, 11.782,
211.956


 63, 11.782,
211.956


 93, 11.782,
211.956

 53, 11.782,
211.956

 43, 11.782,
211.956

 33, 11.782,
211.956

 23, 11.782,
211.956

 13, 11.782,
211.956

 3, 11.782, 211.956

0, 11.782, 211.956

73, 11.782,
211.956

73, 11.782,
211.956

71, 17.061,
212.141

75, 6.062, 211.918

69, 21.801,
212.507

77, 0.012, 338.073

79, 6.343, 31.888

68, 25.903,
213.083

81, 12.877, 32.104

67, 29.283,
213.915

84, 19.549, 32.337

85, 21.945, 34.606

65, 31.878,
215.053

86, 21.392, 38.442

64, 33.668,
216.554

86, 20.942, 42.463

■ 63, 34.689,
218.468

■ 87, 20.603, 46.638

■ 62, 35.136,
220.761

■ 62, 35.136,
220.763

Harmonies

Complementary

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



73, 11.782, 211.956



68, 13.481, 32.206

Rectangle

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



73, 11.782, 211.956



73, 11.782, 261.956



73, 11.782, 31.956



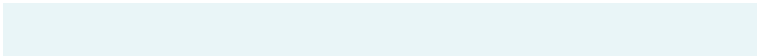
73, 11.782, 81.956

Sweetspot

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



73, 11.782, 211.949



96, 4.554, 211.974



74, 23.211, 146.462



51, 3.041, 211.959



99, 0.012, 296.813



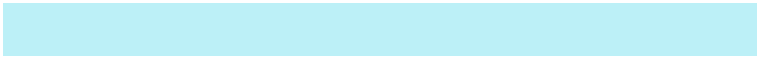
52, 0.007, 296.813

Same Dimension

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



73, 11.782, 211.949



91, 17.261, 212.013



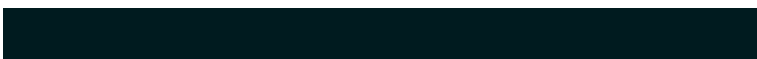
68, 13.735, 269.808



39, 3.424, 211.923



52, 30.675, 220.381



8, 9.896, 216.438

Inverse Universe

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



67, 23.018, 329.419



83, 34.237, 329.687



72, 13.968, 84.353



37, 6.456, 328.769



36, 73.024, 334.187



3, 18.868, 330.704

Previews

White Background



This preview shows how the CIELCh color 73, 11.782, 211.956 looks on a white background.

Color Contrast Check

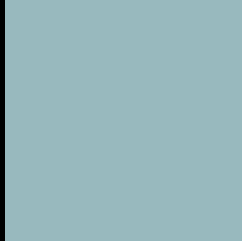
Large Text (above 18pt) WCAG AA × Fail

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, 11.782, 211.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

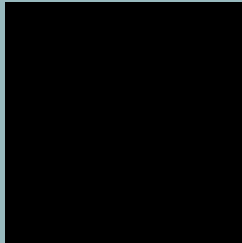
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

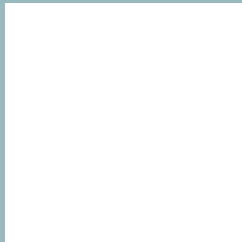
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 11.782, 211.956

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.782, 211.956.

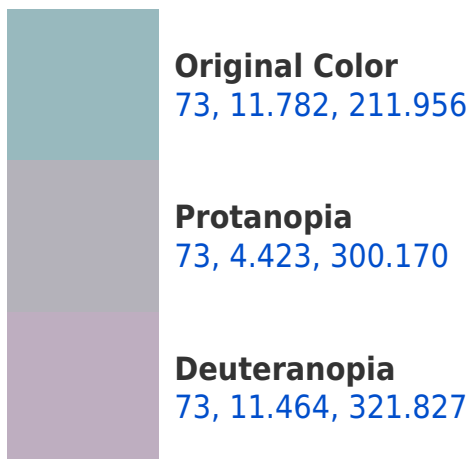


This preview shows how white text looks on a background with the CIELCh color 73, 11.782, 211.956.

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, 12.618, 235.991

Trichromacy



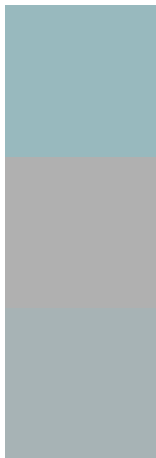
Original Color
73, 11.782, 211.956

Protanomaly
73, 5.440, 243.651

Deuteranomaly
73, 7.092, 285.021

Tritanomaly
73, 12.113, 228.393

Monochromacy



Original Color
73, 11.782, 211.956

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.499, 213.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.782, 211.956 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, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(152, 185, 190)  
}
```

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, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 185, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.782, 211.956 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, 185, 190) }
```

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

```
.border{ border-color:rgb(152, 185, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 185, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(152, 185,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.782, 211.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 185, 190) }
```

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

```
.background{ background-color: rgb(152,  
185, 190) }
```

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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