

Converting Colors

CIELCh(73, 11.337, 190.666)

Have a look what the booklet for
CIELCh(73, 11.337, 190.666)
contains.

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Color

CIELCh(73, 11.149, 192.938)

Conversions

Conversions Part 1

Format	Color
Hex	9AB9B7
RGB	154, 185, 183
RGB Percent	60%, 73%, 72%
CMY	0.3948, 0.2732, 0.2811
CMYK	0.17, 0.00, 0.01, 0.27
HSL	176°, 18%, 67%
HSV	176°, 17%, 73%
XYZ	39.3820, 45.1644, 51.6155
YIQ	175.5030, -17.8340, -7.1940

Conversions

Conversions Part 2

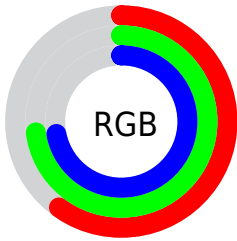
Format	Color
RYB	154, 170, 185
Decimal	10140087
CIELab	73.00, -10.87, -2.50
CIELCh	73, 11.149, 192.938
Yxy	45.1644, 0.2892, 0.3317
Android (android.graphics.Color)	4288330167 (0xFF9AB9B7)
YUV	175.5030, 3.6960, -18.8581
Hunter-Lab	67.2044, -13.0062, 1.5062

Details

The CIELCh color **73, 11.149, 192.938** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 12.252, 15.394**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.035, 193.345**, and **53, 11.321, 192.372** is the 20% darker color. If you saturate the color by 10%, you get **72, 17.312, 192.230**, and if you desaturate by 10%, it is **74, 4.588, 193.688**.

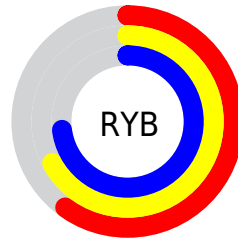
Distribution



Red (60%)

Green (73%)

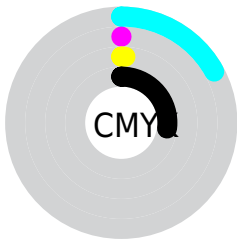
Blue (72%)



Red (60%)

Yellow (67%)

Blue (73%)

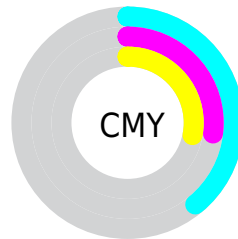


Cyan (17%)

Magenta (0%)

Yellow (1%)

Black (27%)



Cyan (39%)


Magenta (27%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 11.149, 192.938 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, 11.149, 192.938 by changing the saturation by 10% instead.


 73, 11.149,
192.938


 73, 11.149,
192.938


 100, 11.149,
192.938


 63, 11.149,
192.938


 93, 11.149,
192.938

 53, 11.149,
192.938

 43, 11.149,
192.938

 33, 11.149,
192.938

 23, 11.149,
192.938

 13, 11.149,
192.938

 3, 11.149, 192.938

■ 0, 11.149, 192.938

■ 73, 11.149,
192.938

■ 73, 11.149,
192.938

■ 72, 17.312,
192.230

■ 74, 4.588, 193.688

■ 71, 22.962,
191.543

■ 76, 2.269, 14.047

■ 70, 27.990,
190.863

■ 77, 9.331, 14.917

■ 69, 32.296,
190.182

■ 81, 23.769, 16.348

■ 69, 35.803,
189.491

■ 82, 26.909, 15.896

■ 68, 38.471,
188.778

■ 82, 26.910, 14.566

■ 82, 26.927, 13.236

■ 68, 40.311,
188.028

■ 82, 26.959, 11.909

■ 68, 41.411,
187.229

■ 68, 41.702,
186.967

Harmonies

Complementary

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



73, 11.149, 192.938



67, 12.252, 15.394

Rectangle

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



73, 11.149, 192.938



73, 11.149, 242.938



73, 11.149, 12.938



73, 11.149, 62.938

Sweetspot

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



73, 11.150, 192.931



94, 4.213, 193.839



72, 20.169, 141.708



50, 2.869, 193.773



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 11.150, 192.931



91, 16.270, 192.677



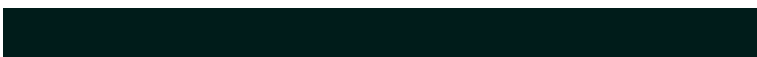
69, 9.520, 250.034



38, 3.812, 193.477



58, 36.609, 187.085



8, 10.739, 190.478

Inverse Universe

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



67, 12.252, 15.394



82, 18.273, 15.769



70, 10.119, 66.007



36, 4.012, 14.687



32, 69.462, 36.945



2, 10.673, 15.479

Previews

White Background



This preview shows how the CIELCh color 73, 11.149, 192.938 looks on a white background.

Color Contrast Check

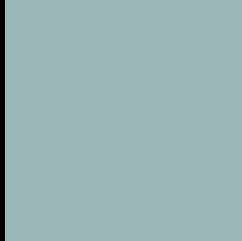
Large Text (above 18pt) WCAG AA × Fail

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, 11.149, 192.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

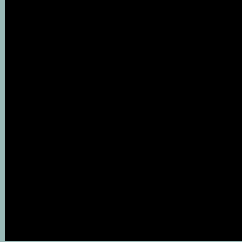
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

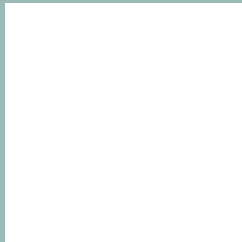
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 11.149, 192.938

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.149, 192.938.

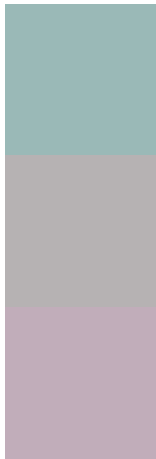


This preview shows how white text looks on a background with the CIELCh color 73, 11.149, 192.938.

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, 11.149, 192.938

Protanopia
73, 1.601, 359.429

Deuteranopia
73, 10.303, 337.088



Tritanopia
73, 11.940, 242.105

Trichromacy



Original Color
73, 11.149, 192.938

Protanomaly
73, 3.311, 199.288

Deuteranomaly
73, 4.428, 300.171

Tritanomaly
73, 10.809, 225.745

Monochromacy



Original Color
73, 11.149, 192.938

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.045, 199.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.149, 192.938 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(154, 185, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 185, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.149, 192.938 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, 183) }
```

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

```
.border{ border-color:rgb(154, 185, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 185, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 185, 183);  
box-shadow:4px 4px 4px 4px rgb(154, 185,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.149, 192.938 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, 183) }
```

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

```
.background{ background-color: rgb(154,  
185, 183) }
```

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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