

Converting Colors

CIELCh(73, 5.114, 199.004)

Have a look what the booklet for
CIELCh(73, 5.114, 199.004) contains.

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Color

CIELCh(73, 5.113, 199.089)

Conversions

Conversions Part 1

Format	Color
Hex	A8B6B6
RGB	168, 182, 182
RGB Percent	66%, 71%, 71%
CMY	0.3411, 0.2862, 0.2862
CMYK	0.08, 0.00, 0.00, 0.29
HSL	180°, 9%, 69%
HSV	180°, 8%, 71%
XYZ	41.3257, 45.1644, 50.8015
YIQ	177.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

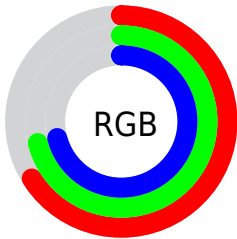
Format	Color
R _Y B	168, 175, 182
Decimal	11056822
CIE Lab	73.00, -4.83, -1.67
CIE LCh	73, 5.113, 199.089
Yxy	45.1644, 0.3010, 0.3290
Android (android.graphics.Color)	4289246902 (0xFFA8B6B6)
YUV	177.8140, 2.0637, -8.6069
Hunter-Lab	67.2044, -7.8437, 2.2243

Details

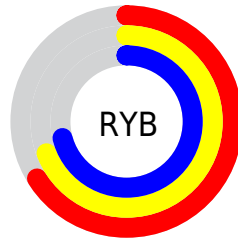
The CIELCh color **73, 5.113, 199.089** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 5.364, 19.768**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 5.225, 199.177**, and **53, 5.031, 198.958** is the 20% darker color. If you saturate the color by 10%, you get **72, 11.447, 198.505**, and if you desaturate by 10%, it is **74, 1.569, 19.190**.

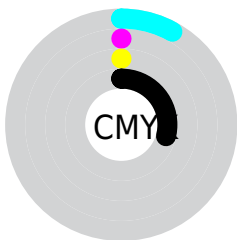
Distribution



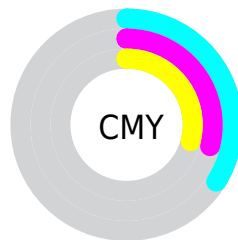
- Red (66%)
- Green (71%)
- Blue (71%)



- Red (66%)
- Yellow (69%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (34%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.113, 199.089 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, 5.113, 199.089 by changing the saturation by 10% instead.

■ 73, 5.113, 199.089

■ 73, 5.113, 199.089

■ 100, 5.113,
199.089

■ 63, 5.113, 199.089

■ 93, 5.113, 199.089

■ 53, 5.113, 199.089

■ 43, 5.113, 199.089

■ 33, 5.113, 199.089

■ 23, 5.113, 199.089

■ 13, 5.113, 199.089

■ 3, 5.113, 199.089

■ 0, 5.113, 199.089

■ 73, 5.113, 199.089

■ 73, 5.113, 199.089

72, 11.447,
198.505

74, 1.569, 19.190

71, 17.327,
198.023

76, 8.507, 20.033

70, 22.648,
197.601

78, 15.621, 20.657

69, 27.305,
197.238

81, 28.509, 21.763

68, 31.212,
196.939

81, 28.508, 21.759

68, 34.307,
196.704

81, 28.508, 21.756

68, 36.566,
196.534

81, 28.508, 21.752

67, 38.015,
196.424

81, 28.508, 21.748

67, 38.772,

Harmonies

Complementary

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



73, 5.113, 199.089



70, 5.364, 19.768

Rectangle

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



73, 5.113, 199.089



73, 5.113, 249.089



73, 5.113, 19.089



73, 5.113, 69.089

Sweetspot

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



73, 5.114, 199.072



93, 1.669, 199.652



73, 9.241, 143.593



50, 0.957, 199.679



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, 5.114, 199.072



92, 7.391, 198.979



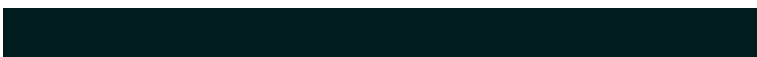
71, 4.501, 254.629



38, 3.777, 198.967



58, 34.649, 196.356



8, 10.519, 197.715

Inverse Universe

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



70, 5.364, 19.768



88, 7.825, 19.884



72, 4.585, 72.608



36, 4.004, 19.899



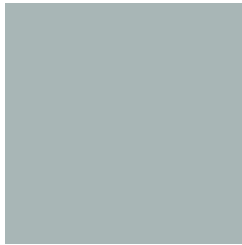
32, 71.863, 39.591



2, 10.638, 19.393

Previews

White Background



This preview shows how the CIELCh color 73, 5.113, 199.089 looks on a white background.

Color Contrast Check

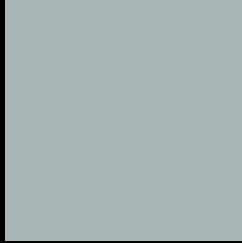
Large Text (above 18pt) WCAG AA × Fail

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, 5.113, 199.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

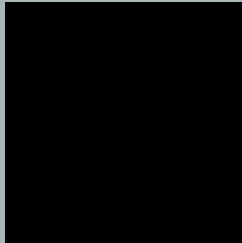
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

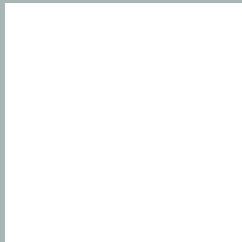
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.113, 199.089

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.113, 199.089.

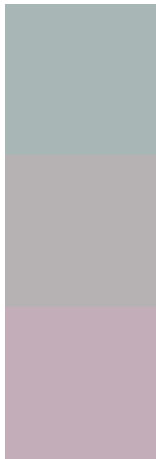


This preview shows how white text looks on a background with the CIELCh color 73, 5.113, 199.089.

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, 5.113, 199.089

Protanopia

73, 1.862, 343.625

Deuteranopia

73, 9.903, 343.236



Tritanopia
73, 8.321, 265.590

Trichromacy



Original Color
73, 5.113, 199.089

Protanomaly
73, 1.311, 255.945

Deuteranomaly
73, 5.099, 331.562

Tritanomaly
73, 6.441, 248.692

Monochromacy



Original Color
73, 5.113, 199.089

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.852, 199.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.113, 199.089 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(168, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(168, 182, 182)  
}
```

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(168, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 182, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.113, 199.089 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(168, 182, 182) }
```

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

```
.border{ border-color:rgb(168, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(168, 182,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.113, 199.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 182, 182) }
```

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

```
.background{ background-color: rgb(168,  
182, 182) }
```

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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