

Converting Colors

CIELCh(73, 11.752, 185.709)

Have a look what the booklet for
CIELCh(73, 11.752, 185.709)
contains.

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Color

CIELCh(73, 11.860, 185.219)

Conversions

Conversions Part 1	
Format	Color
Hex	9ABAB5
RGB	154, 186, 181
RGB Percent	60%, 73%, 71%
CMY	0.3972, 0.2717, 0.2913
CMYK	0.17, 0.00, 0.03, 0.27
HSL	171°, 19%, 67%
HSV	171°, 17%, 73%
XYZ	39.0833, 45.1644, 50.2208
YIQ	175.8620, -17.4670, -8.3390

Conversions

Conversions Part 2

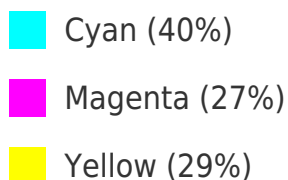
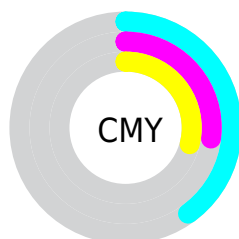
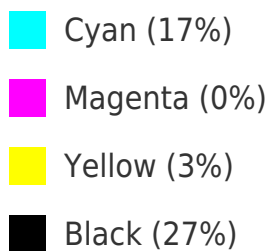
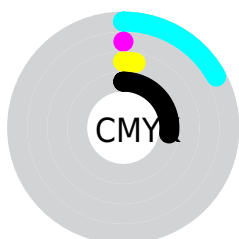
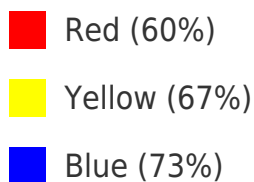
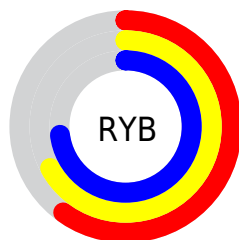
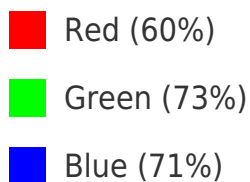
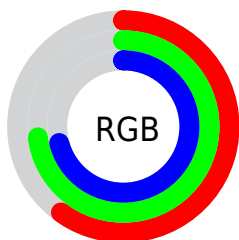
Format	Color
RYB	154, 171, 186
Decimal	10140341
CIELab	73.00, -11.81, -1.08
CIELCh	73, 11.860, 185.219
Yxy	45.1644, 0.2907, 0.3359
Android (android.graphics.Color)	4288330421 (0xFF9ABAB5)
YUV	175.8620, 2.5330, -19.1730
Hunter-Lab	67.2044, -13.7997, 2.7366

Details

The CIELCh color **73, 11.860, 185.219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 12.816, 8.253**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.692, 185.902**, and **53, 12.108, 184.312** is the 20% darker color. If you saturate the color by 10%, you get **72, 18.330, 184.302**, and if you desaturate by 10%, it is **74, 5.060, 186.131**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 11.860, 185.219 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, 11.860, 185.219 by changing the saturation by 10% instead.


 73, 11.860,
185.219


 73, 11.860,
185.219


 100, 11.860,
185.219


 63, 11.860,
185.219


 93, 11.860,
185.219

 53, 11.860,
185.219

 43, 11.860,
185.219

 33, 11.860,
185.219

 23, 11.860,
185.219

 13, 11.860,
185.219

 3, 11.860, 185.219

0, 11.860, 185.219

73, 11.860,
185.219

73, 11.860,
185.219

72, 18.330,
184.302

74, 5.060, 186.131

71, 24.352,
183.356

76, 1.970, 6.616

77, 9.139, 7.622

70, 29.811,
182.357

79, 16.374, 8.432

69, 34.598,
181.289

81, 23.617, 9.208

82, 26.993, 7.804

69, 38.627,
180.132

82, 27.251, 4.653

68, 41.846,
178.864

82, 27.596, 1.573

■ 68, 44.257,
177.466

■ 82, 28.024,
358.584

■ 68, 45.953,
175.932

■ 68, 46.376,
175.506

Harmonies

Complementary

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



73, 11.860, 185.219



66, 12.816, 8.253

Rectangle

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



73, 11.860, 185.219



73, 11.860, 235.219



73, 11.860, 5.219



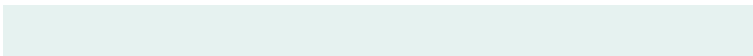
73, 11.860, 55.219

Sweetspot

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



73, 11.861, 185.213



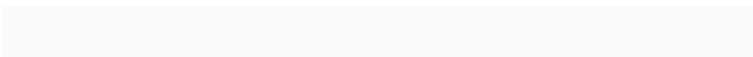
95, 4.356, 186.353



73, 20.150, 138.946



51, 2.994, 186.277



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, 11.861, 185.213



92, 17.790, 184.841



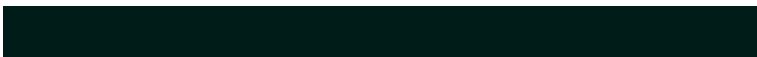
70, 9.415, 237.403



38, 3.918, 185.931



57, 40.577, 175.743



8, 11.270, 180.836

Inverse Universe

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



66, 12.816, 8.253



82, 19.609, 8.735



69, 10.295, 54.334



36, 4.083, 7.403



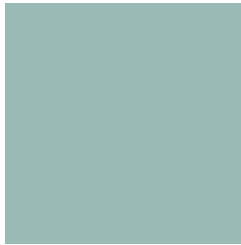
32, 65.647, 31.798



2, 10.807, 9.990

Previews

White Background



This preview shows how the CIELCh color 73, 11.860, 185.219 looks on a white background.

Color Contrast Check

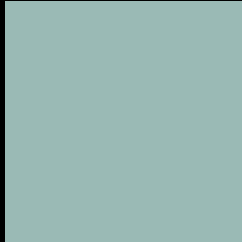
Large Text (above 18pt) WCAG AA × Fail

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, 11.860, 185.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

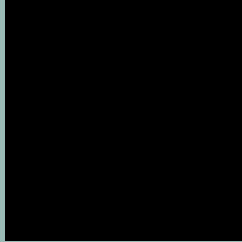
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

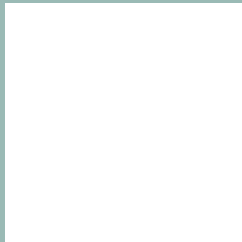
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 11.860, 185.219

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.860, 185.219.

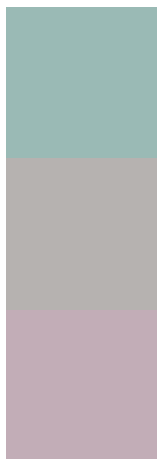


This preview shows how white text looks on a background with the CIELCh color 73, 11.860, 185.219.

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, 11.860, 185.219

Protanopia

73, 1.842, 55.193

Deuteranopia




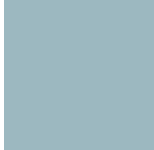
73, 9.595, 345.837




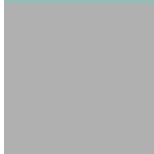
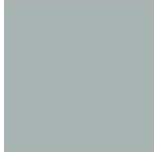
Tritanopia

73, 11.940, 242.105

Trichromacy

	Original Color 73, 11.860, 185.219
	Protanomaly 73, 3.730, 173.363
	Deuteranomaly 73, 2.216, 300.031
	Tritanomaly 73, 10.613, 223.002

Monochromacy

	Original Color 73, 11.860, 185.219
	Achromatopsia 72, 0.009, 296.813
	Achromatomaly 72, 4.572, 185.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.860, 185.219 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, 186, 181)` looks like.

```
.text, #text, p{  
    color:rgb(154, 186, 181)  
}
```

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, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 186, 181) }
```

Border

The CSS property to change the border of an element to CIElCh 73, 11.860, 185.219 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, 186, 181) }
```

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

```
.border{ border-color:rgb(154, 186, 181) }
```

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

Here you see how a box with a 4 pixel rgb(154, 186, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(154, 186,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.860, 185.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 186, 181) }
```

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

```
.background{ background-color: rgb(154,  
186, 181) }
```

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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