

Converting Colors

CIE LCh(73, 10.042, 186.103)

Have a look what the booklet for
CIELCh(73, 10.042, 186.103)
contains.

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Color

CIELCh(73, 10.033, 186.109)

Conversions

Conversions Part 1

Format	Color
Hex	9EB9B5
RGB	158, 185, 181
RGB Percent	62%, 73%, 71%
CMY	0.3813, 0.2755, 0.2912
CMYK	0.15, 0.00, 0.02, 0.28
HSL	171°, 16%, 67%
HSV	171°, 15%, 72%
XYZ	39.6648, 45.1644, 50.2100
YIQ	176.4710, -14.8080, -6.9680

Conversions

Conversions Part 2

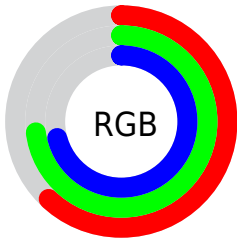
Format	Color
RYB	158, 173, 185
Decimal	10402229
CIELab	73.00, -9.98, -1.07
CIELCh	73, 10.033, 186.109
Yxy	45.1644, 0.2937, 0.3345
Android (android.graphics.Color)	4288592309 (0xFF9EB9B5)
YUV	176.4710, 2.2328, -16.1991
Hunter-Lab	67.2044, -12.2553, 2.7462

Details

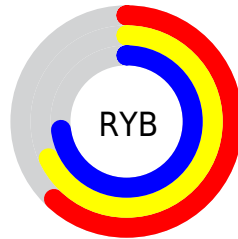
The CIELCh color **73, 10.033, 186.109** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 10.725, 8.589**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.930, 186.786**, and **53, 10.211, 185.239** is the 20% darker color. If you saturate the color by 10%, you get **72, 16.542, 185.210**, and if you desaturate by 10%, it is **74, 3.217, 187.049**.

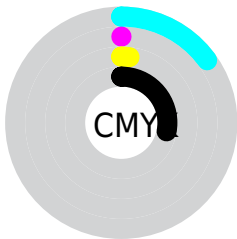
Distribution



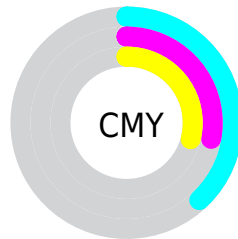
- Red (62%)
- Green (73%)
- Blue (71%)



- Red (62%)
- Yellow (68%)
- Blue (73%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)





- Cyan (38%)
- Magenta (28%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 10.033, 186.109 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, 10.033, 186.109 by changing the saturation by 10% instead.


 73, 10.033,
186.109


 73, 10.033,
186.109


 100, 10.033,
186.109


 63, 10.033,
186.109


 93, 10.033,
186.109

 53, 10.033,
186.109

 43, 10.033,
186.109

 33, 10.033,
186.109

 23, 10.033,
186.109

 13, 10.033,
186.109

 3, 10.033, 186.109

0, 10.033, 186.109

73, 10.033,
186.109

73, 10.033,
186.109

72, 16.542,
185.210

74, 3.217, 187.049

71, 22.629,
184.292

76, 3.809, 7.584

78, 10.960, 8.465

70, 28.181,
183.330

79, 18.164, 9.260

69, 33.085,
182.308

81, 25.369, 10.025

82, 27.381, 8.029

68, 37.250,
181.207

82, 27.614, 5.091

68, 40.614,
180.009

82, 27.924, 2.213

■ 68, 43.165,
178.690

■ 82, 28.308,
359.410

■ 67, 44.953,
177.236

■ 67, 45.737,
176.429

Harmonies

Complementary

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



73, 10.033, 186.109



67, 10.725, 8.589

Rectangle

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



73, 10.033, 186.109



73, 10.033, 236.109



73, 10.033, 6.109



73, 10.033, 56.109

Sweetspot

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



73, 10.034, 186.102



94, 3.450, 187.115



73, 17.092, 139.566



50, 2.448, 187.026



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, 10.034, 186.102



92, 15.162, 185.775



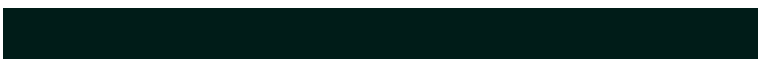
71, 8.020, 239.276



38, 3.906, 186.578



57, 40.182, 176.651



8, 11.214, 181.648

Inverse Universe

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



67, 10.725, 8.589



83, 16.497, 8.998



70, 8.613, 56.493



36, 4.074, 8.033



32, 65.996, 32.335



2, 10.792, 10.468

Previews

White Background



This preview shows how the CIELCh color 73, 10.033, 186.109 looks on a white background.

Color Contrast Check

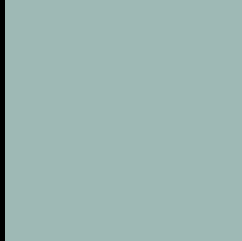
Large Text (above 18pt) WCAG AA × Fail

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, 10.033, 186.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

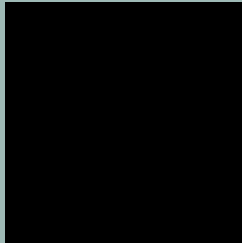
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

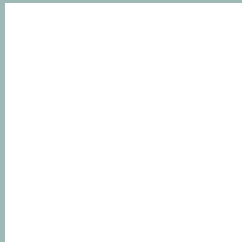
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 10.033, 186.109

Background



This preview shows how black text looks on a background with the CIELCh color 73, 10.033, 186.109.

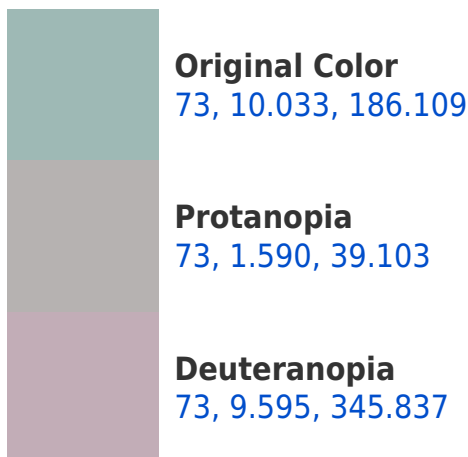


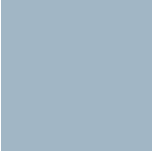
This preview shows how white text looks on a background with the CIELCh color 73, 10.033, 186.109.

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, 10.795, 248.228

Trichromacy



Original Color
73, 10.033, 186.109

Protanomaly
73, 2.826, 176.766

Deuteranomaly
73, 3.120, 318.869

Tritanomaly
73, 9.113, 227.454

Monochromacy



Original Color
73, 10.033, 186.109

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.738, 190.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 10.033, 186.109 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(158, 185, 181)` looks like.

```
.text, #text, p{  
    color:rgb(158, 185, 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(158, 185, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 185, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 10.033, 186.109 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(158, 185, 181) }
```

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

```
.border{ border-color:rgb(158, 185, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 185, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 185, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 185, 181);  
box-shadow:4px 4px 4px 4px rgb(158, 185,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 10.033, 186.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 185, 181) }
```

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

```
.background{ background-color: rgb(158,  
185, 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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