

Converting Colors

CIELCh(73, 9.428, 198.345)

Have a look what the booklet for
CIELCh(73, 9.428, 198.345) contains.

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Color

CIELCh(73, 9.318, 198.710)

Conversions

Conversions Part 1

Format	Color
Hex	9EB8B8
RGB	158, 184, 184
RGB Percent	62%, 72%, 72%
CMY	0.3793, 0.2773, 0.2773
CMYK	0.14, 0.00, 0.00, 0.28
HSL	180°, 16%, 67%
HSV	180°, 14%, 72%
XYZ	40.0323, 45.1644, 52.1064
YIQ	176.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

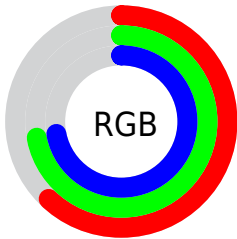
Format	Color
RYB	158, 171, 184
Decimal	10401976
CIELab	73.00, -8.83, -2.99
CIELCh	73, 9.318, 198.710
Yxy	45.1644, 0.2916, 0.3289
Android (android.graphics.Color)	4288592056 (0xFF9EB8B8)
YUV	176.2260, 3.8326, -15.9842
Hunter-Lab	67.2044, -11.2791, 1.0731

Details

The CIELCh color **73, 9.318, 198.710** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 10.192, 20.288**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.274, 198.860**, and **53, 9.413, 198.479** is the 20% darker color. If you saturate the color by 10%, you get **72, 15.434, 198.196**, and if you desaturate by 10%, it is **74, 2.784, 199.356**.

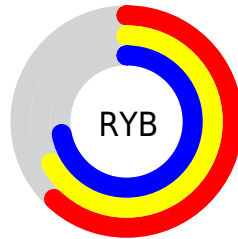
Distribution



Red (62%)

Green (72%)

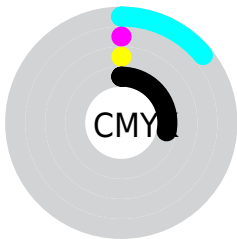
Blue (72%)



Red (62%)

Yellow (67%)

Blue (72%)

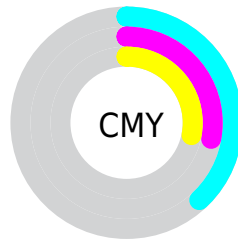


Cyan (14%)

Magenta (0%)

Yellow (0%)

Black (28%)



Cyan (38%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 9.318, 198.710 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, 9.318, 198.710 by changing the saturation by 10% instead.

■ 73, 9.318, 198.710

■ 73, 9.318, 198.710

■ 100, 9.318,
198.710

■ 63, 9.318, 198.710

■ 93, 9.318, 198.710

■ 53, 9.318, 198.710

■ 43, 9.318, 198.710

■ 33, 9.318, 198.710

■ 23, 9.318, 198.710

■ 13, 9.318, 198.710

■ 3, 9.318, 198.710

■ 0, 9.318, 198.710

■ 73, 9.318, 198.710

■ 73, 9.318, 198.710

72, 15.434,
198.196

74, 2.784, 199.356

71, 21.021,
197.752

76, 4.069, 19.600

77, 11.150, 20.266

70, 25.974,
197.368

79, 18.382, 20.887

69, 30.198,
197.046

81, 25.702, 21.509

81, 27.532, 21.663

69, 33.617,
196.789

81, 27.532, 21.661

68, 36.196,
196.597

81, 27.532, 21.659

81, 27.532, 21.656

68, 37.940,
196.467

68, 38.915,
196.395

68, 39.268,

Harmonies

Complementary

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



73, 9.318, 198.710



67, 10.192, 20.288

Rectangle

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



73, 9.318, 198.710



73, 9.318, 248.710



73, 9.318, 18.710



73, 9.318, 68.710

Sweetspot

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



73, 9.319, 198.701



94, 3.353, 199.361



72, 17.192, 143.177



50, 2.378, 199.291



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, 9.319, 198.701



92, 13.772, 198.533



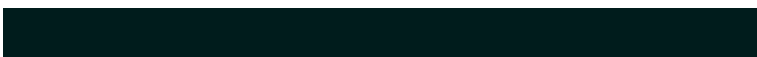
70, 8.304, 255.498



38, 3.777, 198.974



58, 34.647, 196.368



8, 10.519, 197.725

Inverse Universe

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



67, 10.192, 20.288



84, 15.390, 20.558



71, 8.633, 71.875



36, 4.004, 19.905



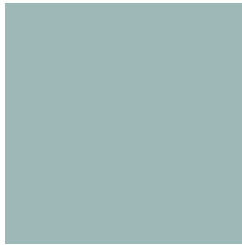
32, 71.866, 39.594



2, 10.638, 19.398

Previews

White Background



This preview shows how the CIELCh color 73, 9.318, 198.710 looks on a white background.

Color Contrast Check

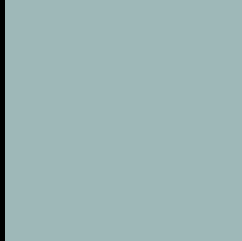
Large Text (above 18pt) WCAG AA × Fail

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, 9.318, 198.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

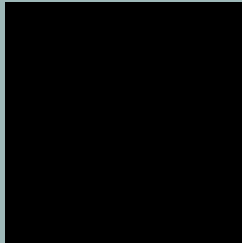
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

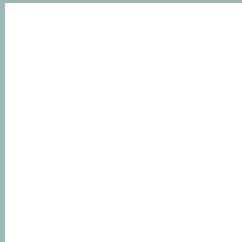
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 9.318, 198.710

Background



This preview shows how black text looks on a background with the CIELCh color 73, 9.318, 198.710.



This preview shows how white text looks on a background with the CIELCh color 73, 9.318, 198.710.

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



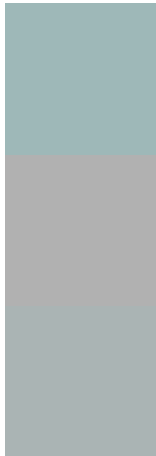
Original Color
73, 9.318, 198.710

Protanomaly
73, 2.777, 222.438

Deuteranomaly
73, 4.508, 304.790

Tritanomaly
73, 9.352, 230.512

Monochromacy



Original Color
73, 9.318, 198.710

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 3.678, 199.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 9.318, 198.710 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, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(158, 184, 184)  
}
```

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, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 184, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 9.318, 198.710 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, 184, 184) }
```

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

```
.border{ border-color:rgb(158, 184, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 184, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 184, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 184, 184);  
box-shadow:4px 4px 4px 4px rgb(158, 184,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 9.318, 198.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 184, 184) }
```

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

```
.background{ background-color: rgb(158,  
184, 184) }
```

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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