

Converting Colors

CIELCh(73, 8.675, 198.453)

Have a look what the booklet for
CIELCh(73, 8.675, 198.453) contains.

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Color

CIELCh(73, 8.628, 198.770)

Conversions

Conversions Part 1

Format	Color
Hex	A0B8B8
RGB	160, 184, 184
RGB Percent	63%, 72%, 72%
CMY	0.3729, 0.2788, 0.2788
CMYK	0.13, 0.00, 0.00, 0.28
HSL	180°, 14%, 67%
HSV	180°, 13%, 72%
XYZ	40.2430, 45.1644, 51.8941
YIQ	176.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

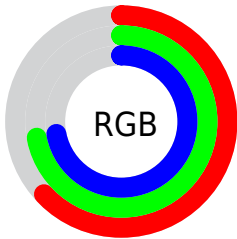
Format	Color
RYB	160, 172, 184
Decimal	10533048
CIELab	73.00, -8.17, -2.78
CIELCh	73, 8.628, 198.770
Yxy	45.1644, 0.2931, 0.3289
Android (android.graphics.Color)	4288723128 (0xFFA0B8B8)
YUV	176.8240, 3.5378, -14.7546
Hunter-Lab	67.2044, -10.7195, 1.2605

Details

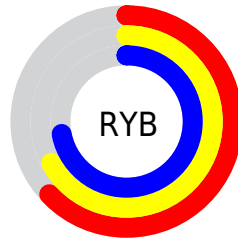
The CIELCh color **73, 8.628, 198.770** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 9.371, 20.201**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 8.606, 198.910**, and **53, 8.699, 198.555** is the 20% darker color. If you saturate the color by 10%, you get **72, 14.784, 198.247**, and if you desaturate by 10%, it is **74, 2.066, 199.479**.

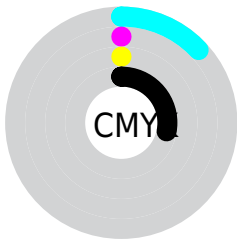
Distribution



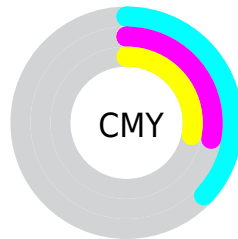
- Red (63%)
- Green (72%)
- Blue (72%)



- Red (63%)
- Yellow (67%)
- Blue (72%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (37%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 8.628, 198.770 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, 8.628, 198.770 by changing the saturation by 10% instead.

73, 8.628, 198.770

73, 8.628, 198.770

100, 8.628,
198.770

63, 8.628, 198.770

93, 8.628, 198.770

53, 8.628, 198.770

43, 8.628, 198.770

33, 8.628, 198.770

23, 8.628, 198.770

13, 8.628, 198.770

3, 8.628, 198.770

0, 8.628, 198.770

73, 8.628, 198.770

73, 8.628, 198.770

72, 14.784,
198.247

74, 2.066, 199.479

71, 20.423,
197.797

76, 4.804, 19.682

77, 11.893, 20.332

70, 25.441,
197.407

79, 19.126, 20.953

69, 29.739,
197.078

81, 26.440, 21.576

81, 27.690, 21.681

69, 33.242,
196.814

81, 27.690, 21.679

68, 35.907,
196.616

81, 27.689, 21.677

81, 27.689, 21.674

68, 37.736,
196.480

68, 38.786,
196.402

68, 39.210,

Harmonies

Complementary

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



73, 8.628, 198.770



68, 9.371, 20.201

Rectangle

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



73, 8.628, 198.770



73, 8.628, 248.770



73, 8.628, 18.770



73, 8.628, 68.770

Sweetspot

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



73, 8.629, 198.760



94, 3.353, 199.362



72, 15.864, 143.248



50, 2.378, 199.292



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, 8.629, 198.760



92, 13.001, 198.587



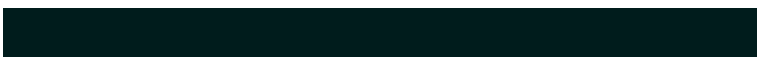
70, 7.672, 255.345



38, 3.777, 198.975



58, 34.646, 196.370



8, 10.519, 197.726

Inverse Universe

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



68, 9.371, 20.201



84, 14.428, 20.470



71, 7.949, 72.000



36, 4.004, 19.906



32, 71.866, 39.594



2, 10.638, 19.398

Previews

White Background



This preview shows how the CIELCh color 73, 8.628, 198.770 looks on a white background.

Color Contrast Check

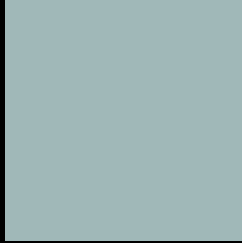
Large Text (above 18pt) WCAG AA × Fail

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, 8.628, 198.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

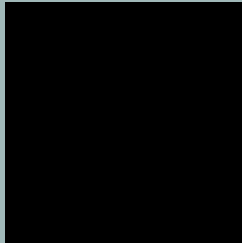
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

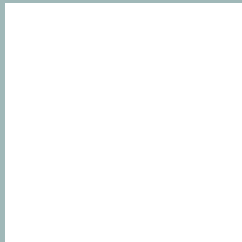
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 8.628, 198.770

Background



This preview shows how black text looks on a background with the CIELCh color 73, 8.628, 198.770.



This preview shows how white text looks on a background with the CIELCh color 73, 8.628, 198.770.

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, 10.190, 247.485

Trichromacy



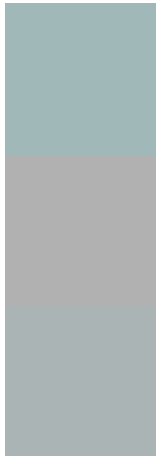
Original Color
73, 8.628, 198.770

Protanomaly
73, 2.627, 211.332

Deuteranomaly
73, 4.616, 309.231

Tritanomaly
73, 9.065, 231.654

Monochromacy



Original Color
73, 8.628, 198.770

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 3.314, 199.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 8.628, 198.770 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(160, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 184, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 8.628, 198.770 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(160, 184, 184) }
```

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

```
.border{ border-color:rgb(160, 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(160, 184, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 184, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 184, 184);  
box-shadow:4px 4px 4px 4px rgb(160, 184,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 8.628, 198.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 184, 184) }
```

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

```
.background{ background-color: rgb(160,  
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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