

Converting Colors

CIELCh(73, 10.477, 198.604)

Have a look what the booklet for
CIELCh(73, 10.477, 198.604)
contains.

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Color

CIELCh(73, 10.677, 198.599)

Conversions

Conversions Part 1

Format	Color
Hex	9BB9B9
RGB	155, 185, 185
RGB Percent	61%, 73%, 73%
CMY	0.3922, 0.2745, 0.2745
CMYK	0.16, 0.00, 0.00, 0.27
HSL	180°, 18%, 67%
HSV	180°, 16%, 73%
XYZ	39.6191, 45.1644, 52.5235
YIQ	176.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

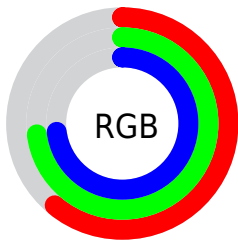
Format	Color
RYB	155, 170, 185
Decimal	10205625
CIELab	73.00, -10.12, -3.41
CIElCh	73, 10.677, 198.599
Yxy	45.1644, 0.2885, 0.3289
Android (android.graphics.Color)	4288395705 (0xFF9BB9B9)
YUV	176.0300, 4.4222, -18.4433
Hunter-Lab	67.2044, -12.3765, 0.7051

Details

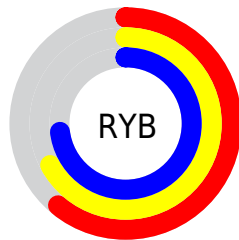
The CIELCh color **73, 10.677, 198.599** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 11.846, 20.468**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 10.593, 198.768**, and **53, 10.807, 198.338** is the 20% darker color. If you saturate the color by 10%, you get **72, 16.709, 198.100**, and if you desaturate by 10%, it is **74, 4.203, 199.183**.

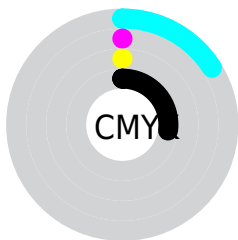
Distribution



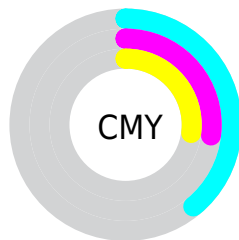
- Red (61%)
- Green (73%)
- Blue (73%)



- Red (61%)
- Yellow (67%)
- Blue (73%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)





- Cyan (39%)
- Magenta (27%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 10.677, 198.599 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, 10.677, 198.599 by changing the saturation by 10% instead.


 73, 10.677,
198.599


 73, 10.677,
198.599


 100, 10.677,
198.599


 63, 10.677,
198.599


 93, 10.677,
198.599

 53, 10.677,
198.599

 43, 10.677,
198.599

 33, 10.677,
198.599

 23, 10.677,
198.599

 13, 10.677,
198.599

 3, 10.677, 198.599

0, 10.677, 198.599

73, 10.677,
198.599

73, 10.677,
198.599

72, 16.709,
198.100

74, 4.203, 199.183

71, 22.189,
197.669

76, 2.613, 19.412

70, 27.010,
197.298

77, 9.675, 20.136

69, 31.081,
196.990

81, 24.234, 21.381

69, 34.334,
196.747

82, 27.225, 21.634

69, 36.740,
196.568

82, 27.224, 21.632

82, 27.224, 21.630

■ 68, 38.319,
196.452

■ 82, 27.224, 21.629

■ 68, 39.154,
196.390

■ 68, 39.380,
196.373

Harmonies

Complementary

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



73, 10.677, 198.599



67, 11.846, 20.468

Rectangle

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



73, 10.677, 198.599



73, 10.677, 248.599



73, 10.677, 18.599



73, 10.677, 68.599

Sweetspot

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



73, 10.678, 198.591



94, 4.182, 199.271



72, 19.837, 143.033



50, 2.847, 199.216



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, 10.678, 198.591



92, 15.297, 198.432



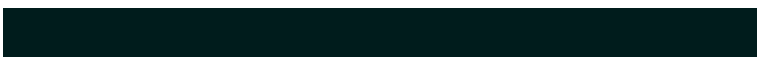
69, 9.558, 255.812



38, 3.777, 198.977



58, 34.646, 196.373



8, 10.519, 197.729

Inverse Universe

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



67, 11.846, 20.468



82, 17.337, 20.744



70, 10.004, 71.627



36, 4.004, 19.908



32, 71.867, 39.595



2, 10.638, 19.400

Previews

White Background



This preview shows how the CIELCh color 73, 10.677, 198.599 looks on a white background.

Color Contrast Check

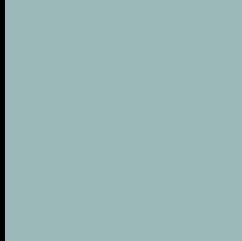
Large Text (above 18pt) WCAG AA × Fail

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, 10.677, 198.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

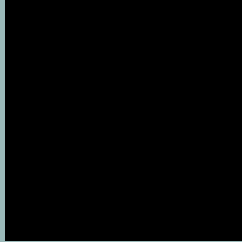
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

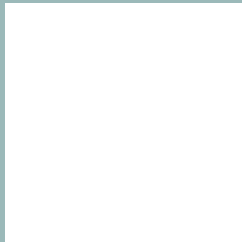
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 10.677, 198.599

Background



This preview shows how black text looks on a background with the CIELCh color 73, 10.677, 198.599.

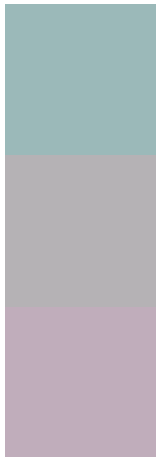


This preview shows how white text looks on a background with the CIELCh color 73, 10.677, 198.599.

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, 10.677, 198.599

Protanopia
73, 1.993, 324.412

Deuteranopia
73, 10.419, 333.455



Tritanopia
73, 11.940, 242.105

Trichromacy



Original Color
73, 10.677, 198.599

Protanomaly
73, 3.339, 208.658

Deuteranomaly
73, 4.964, 299.161

Tritanomaly
73, 10.809, 225.745

Monochromacy



Original Color
73, 10.677, 198.599

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.045, 199.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 10.677, 198.599 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(155, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(155, 185, 185)  
}
```

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(155, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 185, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 10.677, 198.599 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(155, 185, 185) }
```

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

```
.border{ border-color:rgb(155, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(155, 185,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 10.677, 198.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 185, 185) }
```

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

```
.background{ background-color: rgb(155,  
185, 185) }
```

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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