

Converting Colors

CIELCh(78, 19.415, 199.888)

Have a look what the booklet for
CIELCh(78, 19.415, 199.888)
contains.

CIELCh(78, 19.399, 199.598)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 19.399, 199.598)

Conversions

Conversions Part 1

Format	Color
Hex	91CBCC
RGB	145, 203, 204
RGB Percent	57%, 80%, 80%
CMY	0.4306, 0.2031, 0.1992
CMYK	0.29, 0.00, 0.00, 0.20
HSL	181°, 37%, 69%
HSV	181°, 29%, 80%
XYZ	44.0367, 53.2120, 65.2012
YIQ	185.7720, -34.8890, -11.9850

Conversions

Conversions Part 2

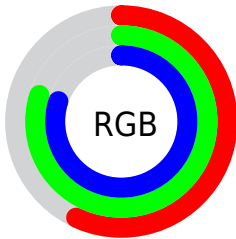
Format	Color
RYB	145, 174, 204
Decimal	9554892
CIELab	78.00, -18.28, -6.51
CIELCh	78, 19.399, 199.598
Yxy	53.2120, 0.2711, 0.3276
Android (android.graphics.Color)	4287744972 (0xFF91CBCC)
YUV	185.7720, 8.9864, -35.7570
Hunter-Lab	72.9466, -19.8987, -1.9321

Details

The CIELCh color **78, 19.399, 199.598** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 23.649, 23.017**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **58, 19.447, 199.328** is the 20% darker color. If you saturate the color by 10%, you get **77, 25.034, 199.260**, and if you desaturate by 10%, it is **79, 13.136, 200.000**.

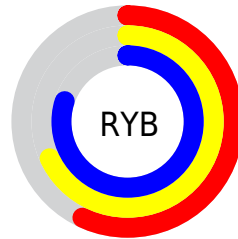
Distribution



Red (57%)

Green (80%)

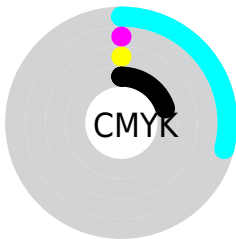
Blue (80%)



Red (57%)

Yellow (68%)

Blue (80%)

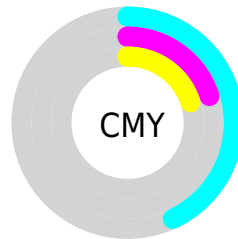


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (43%)


Magenta (20%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 19.399, 199.598 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 78, 19.399, 199.598 by changing the saturation by 10% instead.


 78, 19.399,
199.598

 78, 19.399,
199.598


 100, 19.399,
199.598


 68, 19.399,
199.598


 98, 19.399,
199.598

 58, 19.399,
199.598

 48, 19.399,
199.598

 38, 19.399,
199.598

 28, 19.399,
199.598

 18, 19.399,
199.598

 8, 19.399, 199.598

0, 19.399, 199.598

78, 19.399,
199.598

78, 19.399,
199.598

77, 25.034,
199.260

79, 13.136,
200.000

76, 29.927,
199.003

81, 6.362, 200.492

75, 33.983,
198.829

82, 0.810, 20.200

84, 8.275, 21.352

75, 37.137,
198.746

86, 15.946, 21.937

74, 39.369,
198.756

87, 18.801, 22.491

87, 18.680, 23.035

74, 40.715,
198.860

87, 18.561, 23.586

■ 74, 41.329,
199.046

■ 87, 18.444, 24.144

■ 74, 41.382,
199.069

Harmonies

Complementary

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



78, 19.399, 199.598



66, 23.649, 23.017

Rectangle

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



78, 19.399, 199.598



78, 19.399, 249.598



78, 19.399, 19.598



78, 19.399, 69.598

Sweetspot

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



78, 19.399, 199.594



98, 7.704, 200.479



77, 38.115, 142.884



52, 5.333, 200.399



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 19.399, 199.594



94, 27.397, 199.367



70, 18.881, 261.719



42, 4.049, 200.464



61, 35.451, 199.028



13, 13.260, 198.471

Inverse Universe

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



68, 38.110, 326.469



79, 55.059, 326.815



73, 20.271, 73.560



40, 7.452, 325.388



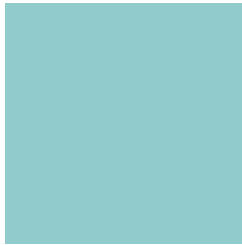
39, 82.621, 328.909



5, 28.654, 328.040

Previews

White Background



This preview shows how the CIE LCh color 78, 19.399, 199.598 looks on a white background.

Color Contrast Check

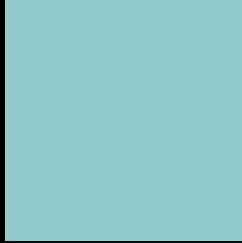
Large Text (above 18pt) WCAG AA × Fail

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 78, 19.399, 199.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

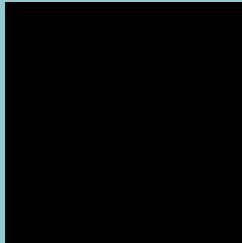
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

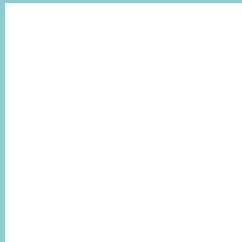
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 19.399, 199.598

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.399, 199.598.



This preview shows how white text looks on a background with the CIELCh color 78, 19.399, 199.598.

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

78, 19.399, 199.598

Protanopia

78, 3.418, 309.166

Deuteranopia

78, 12.885, 319.527



Tritanopia
78, 18.982, 225.332

Trichromacy



Original Color
78, 19.399, 199.598

Protanomaly
78, 7.195, 220.933

Deuteranomaly
78, 8.220, 265.484

Tritanomaly
78, 18.701, 214.934

Monochromacy



Original Color
78, 19.399, 199.598

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.521, 203.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.399, 199.598 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(145, 203, 204)` looks like.

```
.text, #text, p{  
    color:rgb(145, 203, 204)  
}
```

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(145, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 203, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.399, 199.598 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(145, 203, 204) }
```

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

```
.border{ border-color:rgb(145, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(145, 203,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.399, 199.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 203, 204) }
```

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

```
.background{ background-color: rgb(145,  
203, 204) }
```

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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