

Converting Colors

CIELCh(79, 17.841, 197.299)

Have a look what the booklet for
CIELCh(79, 17.841, 197.299)
contains.

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Color

CIELCh(79, 17.617, 198.139)

Conversions

Conversions Part 1

Format	Color
Hex	99CDDC
RGB	153, 205, 205
RGB Percent	60%, 80%, 80%
CMY	0.3995, 0.1955, 0.1955
CMYK	0.25, 0.00, 0.00, 0.20
HSL	180°, 34%, 70%
HSV	180°, 25%, 80%
XYZ	46.0625, 54.9284, 66.0190
YIQ	189.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

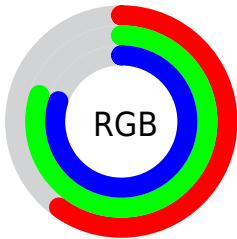
Format	Color
R_{YB}	153, 179, 205
Decimal	10079693
CIE _{Lab}	79.00, -16.74, -5.48
CIE _{LCh}	79, 17.617, 198.139
Yxy	54.9284, 0.2758, 0.3289
Android (android.graphics.Color)	4288269773 (0xFF99CDCD)
YUV	189.4520, 7.6652, -31.9684
Hunter-Lab	74.1137, -18.7591, -0.9348

Details

The CIELCh color **79, 17.617, 198.139** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 20.877, 21.364**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **59, 17.755, 197.799** is the 20% darker color. If you saturate the color by 10%, you get **78, 23.620, 197.697**, and if you desaturate by 10%, it is **80, 11.018, 198.634**.

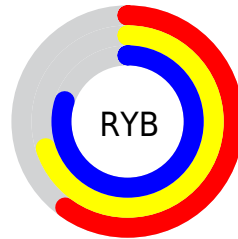
Distribution



Red (60%)

Green (80%)

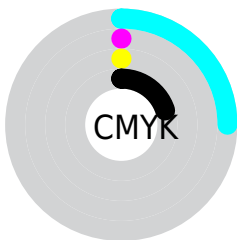
Blue (80%)



Red (60%)

Yellow (70%)

Blue (80%)

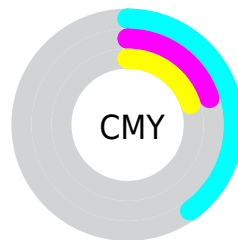


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (40%)


Magenta (20%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 17.617, 198.139 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 79, 17.617, 198.139 by changing the saturation by 10% instead.


 79, 17.617,
198.139


 79, 17.617,
198.139


 100, 17.617,
198.139


 69, 17.617,
198.139


 99, 17.617,
198.139

 59, 17.617,
198.139

 49, 17.617,
198.139

 39, 17.617,
198.139

 29, 17.617,
198.139

 19, 17.617,
198.139

 9, 17.617, 198.139

0, 17.617, 198.139

79, 17.617,
198.139

79, 17.617,
198.139

78, 23.620,
197.697

80, 11.018,
198.634

77, 28.909,
197.319

82, 3.941, 199.249

76, 33.381,
197.006

83, 3.499, 19.503

85, 11.201, 20.200

76, 36.960,
196.758

87, 18.805, 20.804

75, 39.612,
196.577

87, 18.804, 20.802

87, 18.804, 20.800

75, 41.356,
196.458

87, 18.804, 20.798

■ 75, 42.273,
196.395

■ 87, 18.804, 20.796

■ 75, 42.538,
196.377

Harmonies

Complementary

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



79, 17.617, 198.139



68, 20.877, 21.364

Rectangle

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



79, 17.617, 198.139



79, 17.617, 248.139



79, 17.617, 18.139



79, 17.617, 68.139

Sweetspot

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



79, 17.618, 198.134



99, 6.985, 199.053



78, 33.782, 142.343



52, 4.945, 198.958



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 17.618, 198.134



95, 24.410, 197.907



72, 16.138, 257.357



42, 4.119, 198.972



62, 36.303, 196.377



13, 13.514, 196.379

Inverse Universe

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



68, 20.877, 21.364



80, 30.038, 21.944



74, 17.408, 70.515



40, 4.369, 19.920



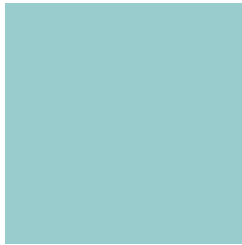
34, 75.551, 39.821



4, 17.910, 19.402

Previews

White Background



This preview shows how the CIELCh color 79, 17.617, 198.139 looks on a white background.

Color Contrast Check

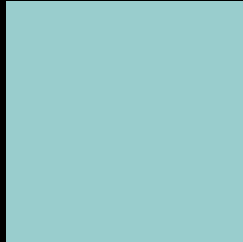
Large Text (above 18pt) WCAG AA × Fail

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 79, 17.617, 198.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

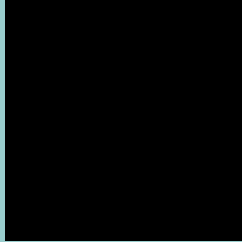
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

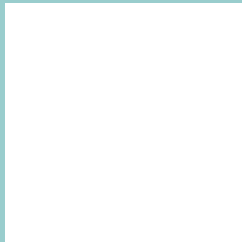
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 17.617, 198.139

Background



This preview shows how black text looks on a background with the CIELCh color 79, 17.617, 198.139.



This preview shows how white text looks on a background with the CIELCh color 79, 17.617, 198.139.

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
79, 17.403, 228.047

Trichromacy



Original Color
79, 17.617, 198.139

Protanomaly
79, 6.234, 213.988

Deuteranomaly
79, 6.836, 269.467

Tritanomaly
79, 16.980, 216.769

Monochromacy



Original Color
79, 17.617, 198.139

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 6.809, 198.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 17.617, 198.139 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(153, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(153, 205, 205)  
}
```

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(153, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 205, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 17.617, 198.139 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(153, 205, 205) }
```

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

```
.border{ border-color:rgb(153, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(153, 205,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 17.617, 198.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 205, 205) }
```

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

```
.background{ background-color: rgb(153,  
205, 205) }
```

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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