

Converting Colors

CIELCh(78, 17.728, 195.743)

Have a look what the booklet for
CIELCh(78, 17.728, 195.743)
contains.

CIELCh(78, 17.710, 196.367)	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, 17.710, 196.367)

Conversions

Conversions Part 1

Format	Color
Hex	96CAC9
RGB	150, 202, 201
RGB Percent	59%, 79%, 79%
CMY	0.4101, 0.2061, 0.2100
CMYK	0.26, 0.00, 0.00, 0.21
HSL	179°, 33%, 69%
HSV	179°, 26%, 79%
XYZ	44.4762, 53.2120, 63.4575
YIQ	186.3380, -30.6710, -11.3350

Conversions

Conversions Part 2

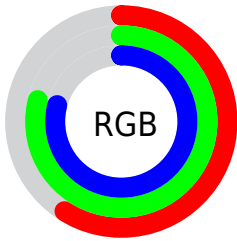
Format	Color
RYB	150, 176, 202
Decimal	9882313
CIELab	78.00, -16.99, -4.99
CIELCh	78, 17.710, 196.367
Yxy	53.2120, 0.2760, 0.3302
Android (android.graphics.Color)	4288072393 (0xFF96CAC9)
YUV	186.3380, 7.2284, -31.8684
Hunter-Lab	72.9466, -18.8232, -0.5149

Details

The CIELCh color **78, 17.710, 196.367** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 20.907, 19.914**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 16.562, 198.406**, and **58, 17.862, 195.918** is the 20% darker color. If you saturate the color by 10%, you get **77, 23.682, 195.844**, and if you desaturate by 10%, it is **79, 11.160, 196.928**.

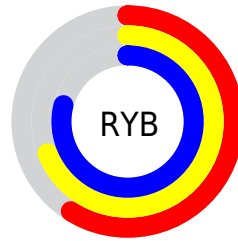
Distribution



Red (59%)

Green (79%)

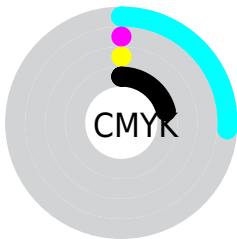
Blue (79%)



Red (59%)

Yellow (69%)

Blue (79%)

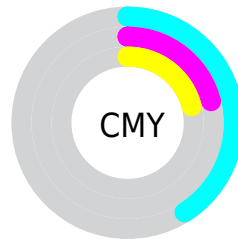


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (21%)



Cyan (41%)


Magenta (21%)


Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 17.710, 196.367 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, 17.710, 196.367 by changing the saturation by 10% instead.


 78, 17.710,
196.367


 78, 17.710,
196.367


 100, 17.710,
196.367


 68, 17.710,
196.367


 98, 17.710,
196.367

 58, 17.710,
196.367

 48, 17.710,
196.367

 38, 17.710,
196.367

 28, 17.710,
196.367

 18, 17.710,
196.367

 8, 17.710, 196.367

■ 0, 17.710, 196.367

■ 78, 17.710,
196.367

■ 78, 17.710,
196.367

■ 77, 23.682,
195.844

■ 79, 11.160,
196.928

■ 76, 28.958,
195.369

■ 81, 4.151, 197.590

■ 75, 33.433,
194.938

■ 82, 3.206, 17.888

■ 84, 10.810, 18.633

■ 75, 37.030,
194.548

■ 86, 18.576, 19.292

■ 74, 39.713,
194.196

■ 86, 19.861, 18.913

■ 86, 19.853, 18.330

■ 74, 41.496,
193.874

■ 86, 19.848, 17.745

■ 74, 42.462,
193.573

■ 86, 19.844, 17.161

■ 74, 42.741,
193.447

Harmonies

Complementary

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



78, 17.710, 196.367



67, 20.907, 19.914

Rectangle

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



78, 17.710, 196.367



78, 17.710, 246.367



78, 17.710, 16.367



78, 17.710, 66.367

Sweetspot

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



78, 17.711, 196.363



99, 6.997, 197.409



77, 33.688, 141.911



52, 4.954, 197.305



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, 17.711, 196.363



95, 25.237, 196.060



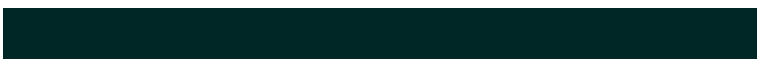
71, 15.942, 255.489



42, 4.126, 197.320



61, 36.831, 193.488



13, 13.668, 194.080

Inverse Universe

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



67, 20.907, 19.914



79, 31.053, 20.611



73, 17.343, 68.685



40, 4.368, 18.361



34, 74.761, 39.041



4, 17.917, 18.452

Previews

White Background



This preview shows how the CIELCh color 78, 17.710, 196.367 looks on a white background.

Color Contrast Check

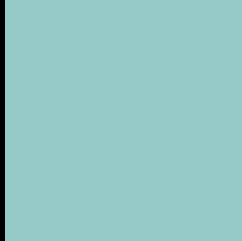
Large Text (above 18pt) WCAG AA × Fail

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, 17.710, 196.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

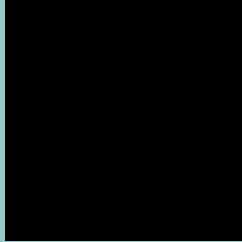
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

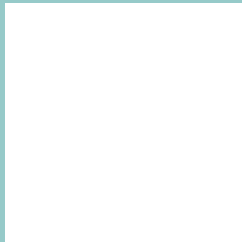
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 17.710, 196.367

Background



This preview shows how black text looks on a background with the CIELCh color 78, 17.710, 196.367.

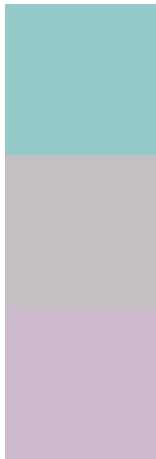


This preview shows how white text looks on a background with the CIELCh color 78, 17.710, 196.367.

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, 17.710, 196.367

Protanopia
78, 2.620, 324.457

Deuteranopia
78, 11.711, 324.899



Tritanopia
78, 17.165, 228.598

Trichromacy



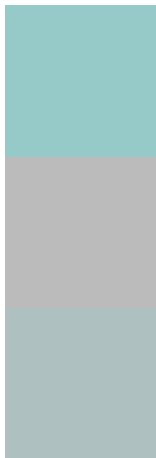
Original Color
78, 17.710, 196.367

Protanomaly
78, 5.814, 209.714

Deuteranomaly
78, 6.495, 264.744

Tritanomaly
78, 16.714, 217.134

Monochromacy



Original Color
78, 17.710, 196.367

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 6.874, 194.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 17.710, 196.367 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(150, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(150, 202, 201)  
}
```

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(150, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 202, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 17.710, 196.367 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(150, 202, 201) }
```

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

```
.border{ border-color:rgb(150, 202, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(150, 202,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 17.710, 196.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 202, 201) }
```

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

```
.background{ background-color: rgb(150,  
202, 201) }
```

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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