

Converting Colors

CIELCh(78, 11.289, 195.862)

Have a look what the booklet for
CIELCh(78, 11.289, 195.862)
contains.

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Color

CIELCh(78, 11.289, 195.862)

Conversions

Conversions Part 1

Format	Color
Hex	A7C7C6
RGB	167, 199, 198
RGB Percent	65%, 78%, 78%
CMY	0.3446, 0.2191, 0.2231
CMYK	0.16, 0.00, 0.01, 0.22
HSL	178°, 22%, 72%
HSV	178°, 16%, 78%
XYZ	46.6179, 53.2120, 61.3114
YIQ	189.3180, -18.7510, -7.0950

Conversions

Conversions Part 2

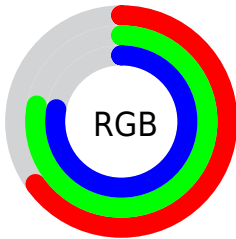
Format	Color
R _Y B	167, 183, 199
Decimal	10995654
CIE Lab	78.00, -10.86, -3.09
CIE LCh	78, 11.289, 195.862
Yxy	53.2120, 0.2893, 0.3302
Android (android.graphics.Color)	4289185734 (0xFFA7C7C6)
YUV	189.3180, 4.2802, -19.5729
Hunter-Lab	72.9466, -13.5827, 1.2295

Details

The CIELCh color **78, 11.289, 195.862** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 12.445, 17.980**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **58, 11.093, 195.425** is the 20% darker color. If you saturate the color by 10%, you get **77, 17.761, 195.251**, and if you desaturate by 10%, it is **79, 4.371, 196.541**.

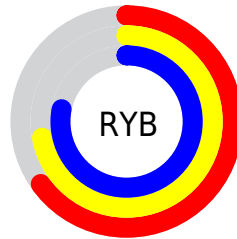
Distribution



Red (65%)

Green (78%)

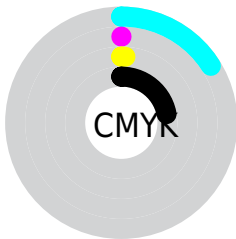
Blue (78%)



Red (65%)

Yellow (72%)

Blue (78%)

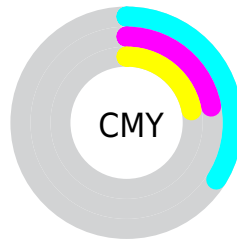


Cyan (16%)

Magenta (0%)

Yellow (1%)

Black (22%)



Cyan (34%)


Magenta (22%)


Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 11.289, 195.862 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, 11.289, 195.862 by changing the saturation by 10% instead.


 78, 11.289,
195.862


 78, 11.289,
195.862


 100, 11.289,
195.862


 68, 11.289,
195.862


 98, 11.289,
195.862

 58, 11.289,
195.862

 48, 11.289,
195.862

 38, 11.289,
195.862

 28, 11.289,
195.862

 18, 11.289,
195.862

 8, 11.289, 195.862

0, 11.289, 195.862

78, 11.289,
195.862

78, 11.289,
195.862

77, 17.761,
195.251

79, 4.371, 196.541

76, 23.668,
194.685

81, 2.884, 16.858

75, 28.893,
194.153

83, 10.376, 17.640

74, 33.332,
193.651

85, 21.205, 18.083

74, 36.910,
193.177

85, 21.197, 17.209

73, 39.586,
192.723

85, 21.195, 16.334

85, 21.197, 15.459

■ 73, 41.378,
192.281

■ 85, 21.205, 14.584

■ 73, 42.368,
191.838

■ 73, 42.645,
191.665

Harmonies

Complementary

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



78, 11.289, 195.862



71, 12.445, 17.980

Rectangle

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



78, 11.289, 195.862



78, 11.289, 245.862



78, 11.289, 15.862



78, 11.289, 65.862

Sweetspot

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



78, 11.290, 195.855



99, 4.408, 196.628



77, 20.760, 142.613



53, 3.003, 196.565



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, 11.290, 195.855



97, 16.165, 195.656



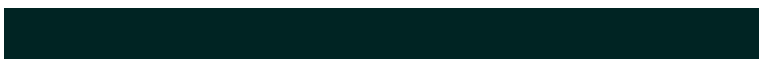
74, 9.928, 253.897



41, 4.048, 196.294



61, 36.777, 191.731



12, 13.228, 192.737

Inverse Universe

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



71, 12.445, 17.980



87, 18.195, 18.290



75, 10.435, 69.809



39, 4.279, 17.384



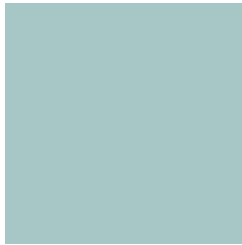
34, 73.388, 38.502



3, 15.897, 17.778

Previews

White Background



This preview shows how the CIELCh color 78, 11.289, 195.862 looks on a white background.

Color Contrast Check

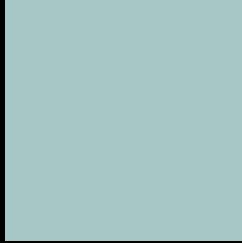
Large Text (above 18pt) WCAG AA × Fail

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 78, 11.289, 195.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

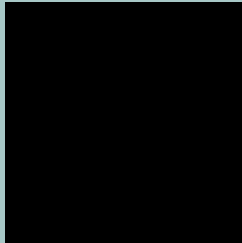
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

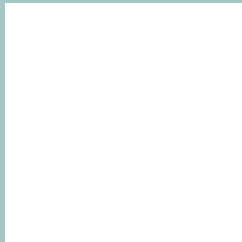
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 11.289, 195.862

Background



This preview shows how black text looks on a background with the CIELCh color 78, 11.289, 195.862.

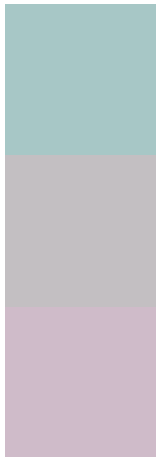


This preview shows how white text looks on a background with the CIELCh color 78, 11.289, 195.862.

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, 11.289, 195.862

Protanopia

78, 2.199, 332.327

Deuteranopia

78, 10.532, 334.912



Tritanopia
78, 12.392, 242.858

Trichromacy



Original Color
78, 11.289, 195.862

Protanomaly
78, 3.299, 208.673

Deuteranomaly
78, 4.850, 294.909

Tritanomaly
78, 11.209, 227.439

Monochromacy



Original Color
78, 11.289, 195.862

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.401, 192.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 11.289, 195.862 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(167, 199, 198)` looks like.

```
.text, #text, p{  
    color:rgb(167, 199, 198)  
}
```

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(167, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 199, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 11.289, 195.862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

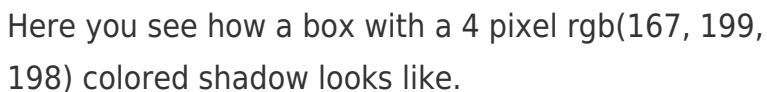
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 199, 198) }
```

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

```
.border{ border-color:rgb(167, 199, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 199, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 199, 198); box-shadow:4px 4px 4px 4px rgb(167, 199, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 11.289, 195.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 199, 198) }
```

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

```
.background{ background-color: rgb(167,  
199, 198) }
```

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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