

Converting Colors

CIELCh(78, 8.942, 190.273)

Have a look what the booklet for
CIELCh(78, 8.942, 190.273) contains.

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Color

CIELCh(78, 9.110, 188.578)

Conversions

Conversions Part 1

Format	Color
Hex	ADC6C3
RGB	173, 198, 195
RGB Percent	68%, 78%, 76%
CMY	0.3216, 0.2235, 0.2353
CMYK	0.13, 0.00, 0.02, 0.22
HSL	173°, 18%, 73%
HSV	173°, 13%, 78%
XYZ	47.2775, 53.2120, 59.4084
YIQ	190.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

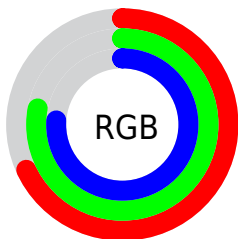
Format	Color
RYB	173, 186, 198
Decimal	11388611
CIELab	78.00, -9.01, -1.36
CIElCh	78, 9.110, 188.578
Yxy	53.2120, 0.2957, 0.3328
Android (android.graphics.Color)	4289578691 (0xFFADC6C3)
YUV	190.1830, 2.3748, -15.0695
Hunter-Lab	72.9466, -11.9686, 2.7762

Details

The CIELCh color **78, 9.110, 188.578** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 9.693, 10.587**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.059, 189.154**, and **58, 9.223, 187.855** is the 20% darker color. If you saturate the color by 10%, you get **77, 15.965, 187.725**, and if you desaturate by 10%, it is **79, 1.926, 189.587**.

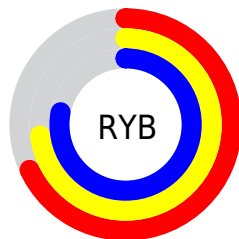
Distribution



Red (68%)

Green (78%)

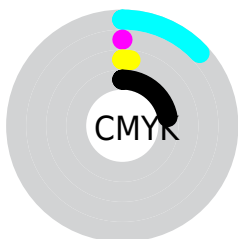
Blue (76%)



Red (68%)

Yellow (73%)

Blue (78%)

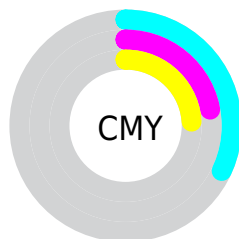


Cyan (13%)

Magenta (0%)

Yellow (2%)

Black (22%)



Cyan (32%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.110, 188.578 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, 9.110, 188.578 by changing the saturation by 10% instead.

■ 78, 9.110, 188.578

■ 78, 9.110, 188.578

■ 100, 9.110,
188.578

■ 68, 9.110, 188.578

■ 98, 9.110, 188.578

■ 58, 9.110, 188.578

■ 48, 9.110, 188.578

■ 38, 9.110, 188.578

■ 28, 9.110, 188.578

■ 18, 9.110, 188.578

■ 8, 9.110, 188.578

■ 0, 9.110, 188.578

■ 78, 9.110, 188.578

■ 78, 9.110, 188.578

77, 15.965,
187.725

79, 1.926, 189.587

76, 22.371,
186.872

81, 5.485, 10.003

75, 28.207,
185.993

83, 13.034, 10.830

74, 33.356,
185.075

85, 21.840, 8.939

73, 37.715,
184.101

85, 22.042, 5.761

73, 41.219,
183.054

85, 22.315, 2.653

72, 43.848,
181.914

85, 22.656,
359.633

72, 45.645,
180.663

85, 23.061,
356.715

72, 46.594,

179.688

Harmonies

Complementary

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



78, 9.110, 188.578



73, 9.693, 10.587

Rectangle

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



78, 9.110, 188.578



78, 9.110, 238.578



78, 9.110, 8.578



78, 9.110, 58.578

Sweetspot

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



78, 9.111, 188.569



99, 3.595, 189.377



78, 15.695, 140.142



53, 2.553, 189.288



0, 0.000, 0.000



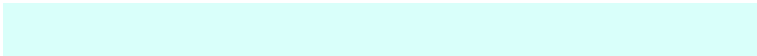
53, 0.007, 296.813

Same Dimension

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



78, 9.111, 188.569



97, 13.221, 188.349



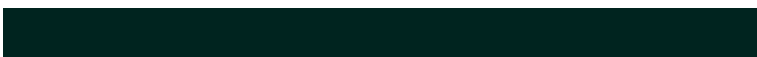
76, 7.391, 241.197



41, 4.131, 188.851



60, 40.288, 179.894



12, 14.147, 183.203

Inverse Universe

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



73, 9.693, 10.587



90, 14.253, 10.860



75, 7.832, 58.627



39, 4.325, 10.256



34, 69.778, 34.289



3, 16.002, 13.202

Previews

White Background



This preview shows how the CIELCh color 78, 9.110, 188.578 looks on a white background.

Color Contrast Check

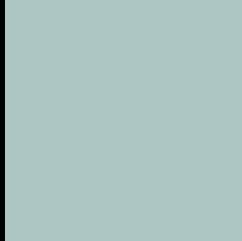
Large Text (above 18pt) WCAG AA × Fail

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, 9.110, 188.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

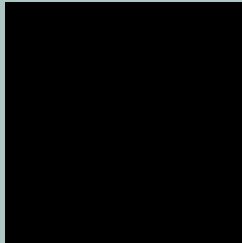
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

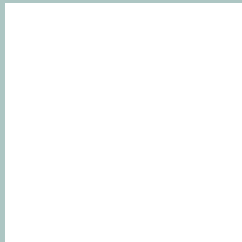
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 9.110, 188.578

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.110, 188.578.

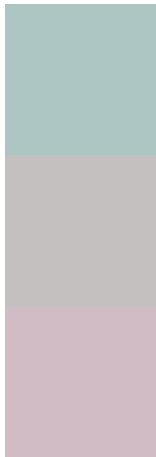


This preview shows how white text looks on a background with the CIELCh color 78, 9.110, 188.578.

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, 9.110, 188.578

Protanopia
78, 1.567, 39.084

Deuteranopia
78, 9.772, 347.051



Tritanopia
78, 10.457, 249.456

Trichromacy



Original Color
78, 9.110, 188.578

Protanomaly
78, 2.454, 173.600

Deuteranomaly
78, 3.271, 324.503

Tritanomaly
78, 8.721, 228.455

Monochromacy



Original Color
78, 9.110, 188.578

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.332, 190.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 9.110, 188.578 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(173, 198, 195)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 195)  
}
```

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(173, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.110, 188.578 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(173, 198, 195) }
```

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

```
.border{ border-color:rgb(173, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(173, 198,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.110, 188.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 198, 195) }
```

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

```
.background{ background-color: rgb(173,  
198, 195) }
```

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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