

# Converting Colors

CIELCh(78, 9.534, 183.092)

Have a look what the booklet for  
CIELCh(78, 9.534, 183.092) contains.

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# Color

**CIELCh(78, 9.415, 182.178)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADC6C1
RGB	173, 198, 193
RGB Percent	68%, 78%, 76%
CMY	0.3210, 0.2229, 0.2426
CMYK	0.13, 0.00, 0.03, 0.22
HSL	168°, 18%, 73%
HSV	168°, 13%, 78%
XYZ	47.1344, 53.2120, 58.3234
YIQ	189.9550, -13.2950, -6.8550

# Conversions

## Conversions Part 2

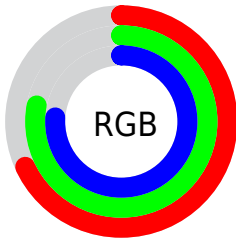
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 187, 198
Decimal	11388609
CIELab	78.00, -9.41, -0.36
CIElCh	78, 9.415, 182.178
Yxy	53.2120, 0.2971, 0.3354
Android (android.graphics.Color)	4289578689 (0xFFADC6C1)
YUV	189.9550, 1.5012, -14.8695
Hunter-Lab	72.9466, -12.3187, 3.6581

# Details

The CIELCh color **78, 9.415, 182.178** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 9.896, 4.397**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.507, 180.060**, and **58, 9.383, 184.459** is the 20% darker color. If you saturate the color by 10%, you get **77, 16.593, 181.206**, and if you desaturate by 10%, it is **80, 1.976, 183.268**.

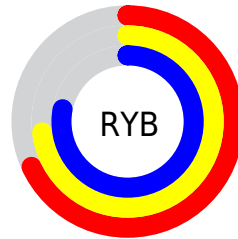
# Distribution



Red (68%)

Green (78%)

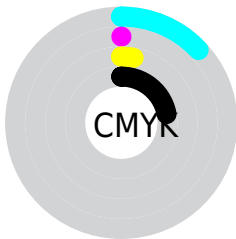
Blue (76%)



Red (68%)

Yellow (73%)

Blue (78%)

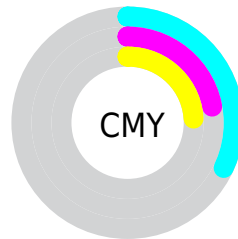


Cyan (13%)

Magenta (0%)

Yellow (3%)

Black (22%)



Cyan (32%)

Magenta (22%)

Yellow (24%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 9.415, 182.178 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, 9.415, 182.178 by changing the saturation by 10% instead.



 78, 9.415, 182.178

 78, 9.415, 182.178

 100, 9.415,  
182.178

 68, 9.415, 182.178

 98, 9.415, 182.178

 58, 9.415, 182.178

 48, 9.415, 182.178

 38, 9.415, 182.178

 28, 9.415, 182.178

 18, 9.415, 182.178

 8, 9.415, 182.178

 0, 9.415, 182.178

 78, 9.415, 182.178

 78, 9.415, 182.178

77, 16.593,  
181.206

80, 1.976, 183.268

75, 23.390,  
180.201

81, 5.627, 3.779

74, 29.680,  
179.130

83, 13.305, 4.656

74, 35.340,  
177.975

85, 22.421, 1.089

73, 40.259,  
176.713

85, 23.081,  
356.185

72, 44.360,  
175.323

85, 23.910,  
351.599

72, 47.613,  
173.780

86, 24.891,  
347.362

72, 50.054,  
172.069

86, 26.006,  
343.483

72, 51.488,

170.737

# Harmonies

# Complementary

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



78, 9.415, 182.178



73, 9.896, 4.397

# Rectangle

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



78, 9.415, 182.178



78, 9.415, 232.178



78, 9.415, 2.178



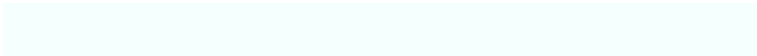
78, 9.415, 52.178

# Sweetspot

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



78, 9.416, 182.171



99, 3.700, 183.051



78, 15.293, 137.740



53, 2.628, 182.958



0, 0.000, 0.000



53, 0.007, 296.813



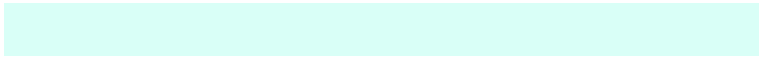


# Same Dimension

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



78, 9.416, 182.171



97, 13.683, 181.921



76, 7.333, 230.453



41, 4.263, 182.483



60, 44.424, 171.022



11, 15.213, 175.706



# Inverse Universe

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



73, 9.896, 4.397



90, 14.533, 4.686



75, 7.876, 48.720



39, 4.423, 4.048



34, 66.227, 28.884



3, 16.182, 9.150



# Previews

## White Background



This preview shows how the CIELCh color 78, 9.415, 182.178 looks on a white background.

## Color Contrast Check

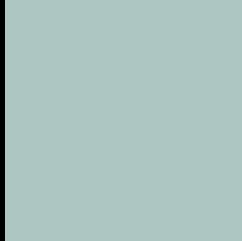
Large Text (above 18pt) WCAG AA × Fail

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, 9.415, 182.178 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

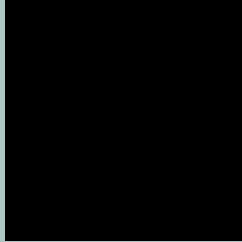
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

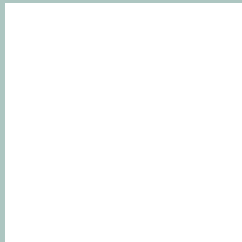
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**CIELCh 78, 9.415, 182.178**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 78, 9.415, 182.178.

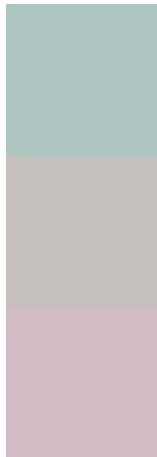


This preview shows how white text looks on a background with the CIELCh color 78, 9.415, 182.178.

# 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, 9.415, 182.178


### Protanopia

78, 2.439, 60.283

### Deuteranopia

78, 9.824, 350.915





**Tritanopia**  
78, 10.659, 252.874

# Trichromacy



**Original Color**  
78, 9.415, 182.178

**Protanomaly**  
78, 2.738, 163.546

**Deuteranomaly**  
78, 3.099, 335.765

**Tritanomaly**  
78, 8.692, 232.787

# Monochromacy



**Original Color**  
78, 9.415, 182.178

**Achromatopsia**  
77, 0.009, 296.813

**Achromatomaly**  
77, 3.472, 181.298

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 78, 9.415, 182.178 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 193) }
```

## Border

The CSS property to change the border of an element to CIELCh 78, 9.415, 182.178 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, 193) }
```

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

```
.border{ border-color:rgb(173, 198, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 198, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 198, 193);  
box-shadow:4px 4px 4px 4px rgb(173, 198,  
193) }
```

# Background

The CSS property to change the background color of an element to CIELCh 78, 9.415, 182.178 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, 193) }
```

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

```
.background{ background-color: rgb(173,  
198, 193) }
```

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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