

Converting Colors

CIELCh(77, 9.418, 213.137)

Have a look what the booklet for
CIELCh(77, 9.418, 213.137) contains.

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Color

CIELCh(77, 9.348, 212.117)

Conversions

Conversions Part 1

Format	Color
Hex	A9C3C7
RGB	169, 195, 199
RGB Percent	66%, 76%, 78%
CMY	0.3376, 0.2356, 0.2200
CMYK	0.15, 0.02, 0.00, 0.22
HSL	188°, 21%, 72%
HSV	188°, 15%, 78%
XYZ	46.1342, 51.5317, 61.4900
YIQ	187.6820, -16.7800, -4.2680

Conversions

Conversions Part 2

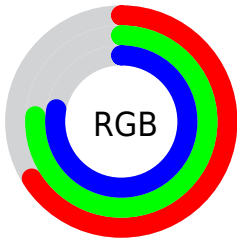
Format	Color
R_{YB}	169, 183, 199
Decimal	11125703
CIE Lab	77.00, -7.92, -4.97
CIE LCh	77, 9.348, 212.117
Yxy	51.5317, 0.2899, 0.3238
Android (android.graphics.Color)	4289315783 (0xFFA9C3C7)
YUV	187.6820, 5.5798, -16.3841
Hunter-Lab	71.7856, -10.9090, -0.5366

Details

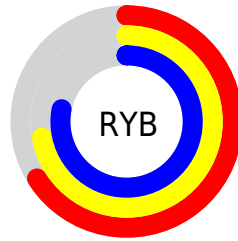
The CIELCh color `77, 9.348, 212.117` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `73, 10.327, 32.223`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 9.570, 208.137`, and `57, 9.082, 213.251` is the 20% darker color. If you saturate the color by 10%, you get `75, 15.052, 212.232`, and if you desaturate by 10%, it is `79, 3.235, 212.191`.

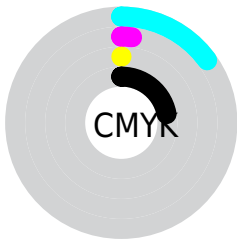
Distribution



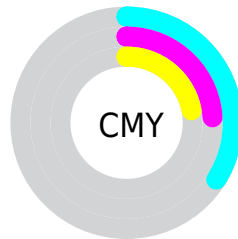
- Red (66%)
- Green (76%)
- Blue (78%)



- Red (66%)
- Yellow (72%)
- Blue (78%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (34%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 9.348, 212.117 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 77, 9.348, 212.117 by changing the saturation by 10% instead.

■ 77, 9.348, 212.117

■ 77, 9.348, 212.117

■ 100, 9.348,
212.117

■ 67, 9.348, 212.117

■ 97, 9.348, 212.117

■ 57, 9.348, 212.117

■ 47, 9.348, 212.117

■ 37, 9.348, 212.117

■ 27, 9.348, 212.117

■ 17, 9.348, 212.117

■ 7, 9.348, 212.117

■ 0, 9.348, 212.117

■ 77, 9.348, 212.117

■ 77, 9.348, 212.117

75, 15.052,
212.232

79, 3.235, 212.191

73, 20.245,
212.523

81, 3.199, 31.913

84, 9.872, 32.168

71, 24.824,
213.008

86, 16.719, 32.383

70, 28.693,
213.730

87, 18.562, 35.572

88, 18.029, 40.457

69, 31.774,
214.739

89, 17.637, 45.598

67, 34.023,
216.090

89, 17.396, 50.925

90, 17.312, 56.347

66, 35.447,
217.839

65, 36.124,
220.031

65, 36.309,

Harmonies

Complementary

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



77, 9.348, 212.117



73, 10.327, 32.223

Rectangle

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



77, 9.348, 212.117



77, 9.348, 262.117



77, 9.348, 32.117



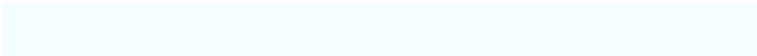
77, 9.348, 82.117

Sweetspot

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



77, 9.348, 212.107



99, 3.895, 212.191



77, 18.138, 146.829



52, 2.653, 212.169



0, 0.000, 0.000



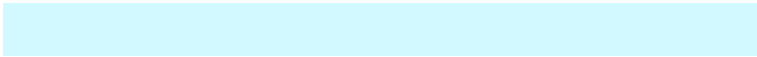
53, 0.007, 296.813

Same Dimension

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



77, 9.348, 212.107



95, 13.520, 212.129



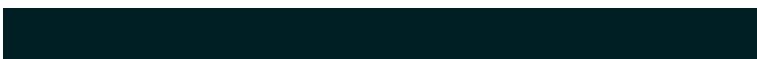
73, 10.728, 269.032



41, 3.571, 212.112



54, 31.374, 220.812



10, 11.517, 214.855

Inverse Universe

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



73, 17.966, 329.178



89, 26.266, 329.373



76, 10.857, 84.981



39, 6.735, 328.828



37, 74.631, 334.295



4, 23.819, 331.942

Previews

White Background



This preview shows how the CIELCh color 77, 9.348, 212.117 looks on a white background.

Color Contrast Check

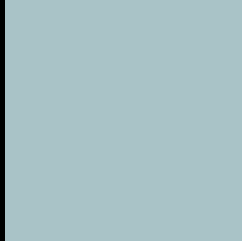
Large Text (above 18pt) WCAG AA × Fail

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 77, 9.348, 212.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

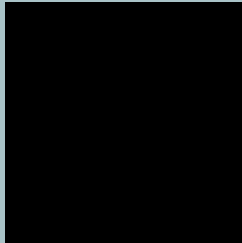
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

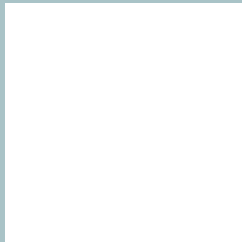
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 9.348, 212.117

Background



This preview shows how black text looks on a background with the CIELCh color 77, 9.348, 212.117.



This preview shows how white text looks on a background with the CIELCh color 77, 9.348, 212.117.

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
77, 11.299, 248.766

Trichromacy



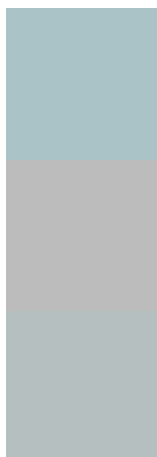
Original Color
77, 9.348, 212.117

Protanomaly
77, 3.909, 242.823

Deuteranomaly
77, 6.562, 300.283

Tritanomaly
77, 10.088, 234.897

Monochromacy



Original Color
77, 9.348, 212.117

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 3.663, 207.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 9.348, 212.117 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(169, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(169, 195, 199)  
}
```

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(169, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 195, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 9.348, 212.117 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(169, 195, 199) }
```

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

```
.border{ border-color:rgb(169, 195, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(169, 195,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 9.348, 212.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 195, 199) }
```

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

```
.background{ background-color: rgb(169,  
195, 199) }
```

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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