

Converting Colors

CIELCh(77, 12.490, 194.750)

Have a look what the booklet for
CIELCh(77, 12.490, 194.750)
contains.

CIELCh(77, 12.383, 193.499)	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(77, 12.383, 193.499)

Conversions

Conversions Part 1

Format	Color
Hex	A2C5C3
RGB	162, 197, 195
RGB Percent	64%, 77%, 76%
CMY	0.3648, 0.2276, 0.2354
CMYK	0.18, 0.00, 0.01, 0.23
HSL	177°, 23%, 70%
HSV	177°, 18%, 77%
XYZ	44.6970, 51.5317, 59.1988
YIQ	186.3070, -20.2180, -8.0420

Conversions

Conversions Part 2

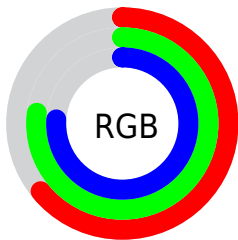
Format	Color
RYB	162, 180, 197
Decimal	10667459
CIELab	77.00, -12.04, -2.89
CIELCh	77, 12.383, 193.499
Yxy	51.5317, 0.2876, 0.3315
Android (android.graphics.Color)	4288857539 (0xFFA2C5C3)
YUV	186.3070, 4.2856, -21.3172
Hunter-Lab	71.7856, -14.4827, 1.3558

Details

The CIELCh color **77, 12.383, 193.499** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 13.723, 16.093**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 12.567, 193.973**, and **57, 12.234, 192.868** is the 20% darker color. If you saturate the color by 10%, you get **76, 18.782, 192.813**, and if you desaturate by 10%, it is **78, 5.545, 194.221**.

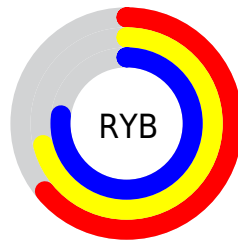
Distribution



Red (64%)

Green (77%)

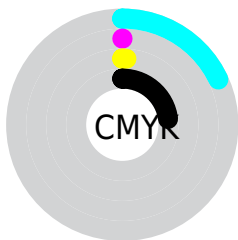
Blue (76%)



Red (64%)

Yellow (71%)

Blue (77%)

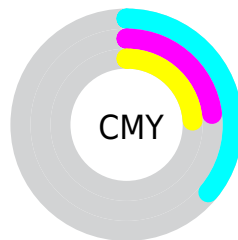


Cyan (18%)

Magenta (0%)

Yellow (1%)

Black (23%)



Cyan (36%)

Magenta (23%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 12.383, 193.499 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, 12.383, 193.499 by changing the saturation by 10% instead.

 77, 12.383,
193.499

 77, 12.383,
193.499

 100, 12.383,
193.499

 67, 12.383,
193.499

 97, 12.383,
193.499

 57, 12.383,
193.499

 47, 12.383,
193.499

 37, 12.383,
193.499

 27, 12.383,
193.499

 17, 12.383,
193.499

 7, 12.383, 193.499

77, 12.383,
193.499

77, 12.383,
193.499

76, 18.782,
192.813

78, 5.545, 194.221

75, 24.621,
192.152

80, 1.624, 14.477

74, 29.785,
191.502

82, 9.023, 15.438

73, 34.170,
190.857

85, 22.076, 16.247

73, 37.701,
190.209

85, 22.084, 14.730

72, 40.344,
189.545

85, 22.148, 11.703

■ 72, 42.119,
188.853

■ 85, 22.204, 10.199

■ 72, 43.141,
188.122

■ 72, 43.330,
187.958

Harmonies

Complementary

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



77, 12.383, 193.499



70, 13.723, 16.093

Rectangle

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



77, 12.383, 193.499



77, 12.383, 243.499



77, 12.383, 13.499



77, 12.383, 63.499

Sweetspot

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



77, 12.384, 193.493



99, 4.424, 194.455



76, 22.516, 141.635



53, 3.014, 194.389



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, 12.384, 193.493



96, 17.870, 193.248



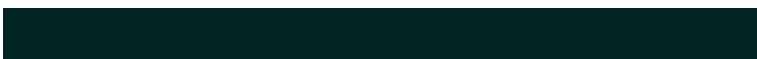
73, 10.610, 250.197



41, 4.065, 194.095



60, 37.658, 188.067



12, 13.463, 189.832

Inverse Universe

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



70, 13.723, 16.093



86, 20.247, 16.468



74, 11.329, 65.888



39, 4.285, 15.293



34, 72.380, 37.418



3, 15.917, 16.439

Previews

White Background



This preview shows how the CIELCh color 77, 12.383, 193.499 looks on a white background.

Color Contrast Check

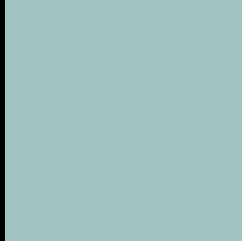
Large Text (above 18pt) WCAG AA × Fail

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, 12.383, 193.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

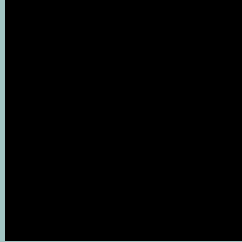
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

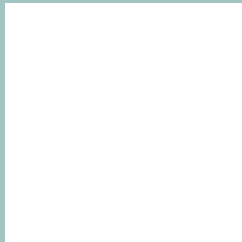
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 12.383, 193.499

Background



This preview shows how black text looks on a background with the CIELCh color 77, 12.383, 193.499.

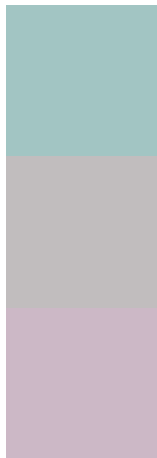


This preview shows how white text looks on a background with the CIELCh color 77, 12.383, 193.499.

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
77, 12.383, 193.499

Protanopia
77, 1.584, 359.402

Deuteranopia
77, 10.562, 334.921



Tritanopia
77, 12.818, 237.925

Trichromacy



Original Color
77, 12.383, 193.499

Protanomaly
77, 3.637, 199.267

Deuteranomaly
77, 4.304, 290.590

Tritanomaly
77, 11.906, 222.735

Monochromacy



Original Color
77, 12.383, 193.499

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.769, 192.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 12.383, 193.499 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(162, 197, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 197, 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(162, 197, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 197, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 12.383, 193.499 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(162, 197, 195) }
```

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

```
.border{ border-color:rgb(162, 197, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 197, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 197, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 197, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 197,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 12.383, 193.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 197, 195) }
```

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

```
.background{ background-color: rgb(162,  
197, 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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