

Converting Colors

CIELCh(77, 10.585, 198.621)

Have a look what the booklet for
CIELCh(77, 10.585, 198.621)
contains.

CIELCh(77, 10.589, 198.644)	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, 10.589, 198.644)

Conversions

Conversions Part 1

Format	Color
Hex	A6C4C4
RGB	166, 196, 196
RGB Percent	65%, 77%, 77%
CMY	0.3493, 0.2316, 0.2316
CMYK	0.15, 0.00, 0.00, 0.23
HSL	180°, 20%, 71%
HSV	180°, 15%, 77%
XYZ	45.3929, 51.5317, 59.7386
YIQ	187.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

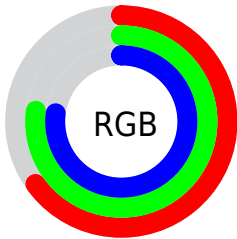
Format	Color
RYB	166, 181, 196
Decimal	10929348
CIELab	77.00, -10.03, -3.39
CIElCh	77, 10.589, 198.644
Yxy	51.5317, 0.2897, 0.3289
Android (android.graphics.Color)	4289119428 (0xFFA6C4C4)
YUV	187.0300, 4.4222, -18.4433
Hunter-Lab	71.7856, -12.7522, 0.9100

Details

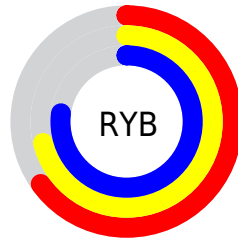
The CIELCh color **77, 10.589, 198.644** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 11.681, 20.396**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 10.840, 198.778**, and **57, 10.365, 198.440** is the 20% darker color. If you saturate the color by 10%, you get **76, 16.953, 198.137**, and if you desaturate by 10%, it is **78, 3.770, 199.251**.

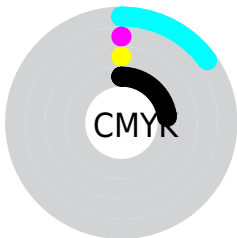
Distribution



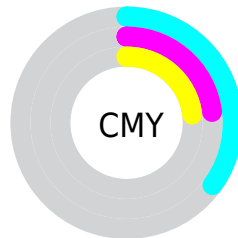
- Red (65%)
- Green (77%)
- Blue (77%)



- Red (65%)
- Yellow (71%)
- Blue (77%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (35%)
- Magenta (23%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 10.589, 198.644 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, 10.589, 198.644 by changing the saturation by 10% instead.

 77, 10.589,
198.644

 77, 10.589,
198.644

 100, 10.589,
198.644

 67, 10.589,
198.644

 97, 10.589,
198.644

 57, 10.589,
198.644

 47, 10.589,
198.644

 37, 10.589,
198.644

 27, 10.589,
198.644

 17, 10.589,
198.644

 7, 10.589, 198.644

0, 10.589, 198.644

77, 10.589,
198.644

77, 10.589,
198.644

76, 16.953,
198.137

78, 3.770, 199.251

75, 22.744,
197.700

80, 3.399, 19.503

74, 27.851,
197.322

82, 10.820, 20.197

73, 32.175,
197.009

84, 22.593, 21.161

73, 35.643,
196.760

84, 22.593, 21.158

72, 38.220,
196.577

84, 22.593, 21.154

■ 72, 39.923,
196.457

■ 84, 22.593, 21.152

■ 72, 40.830,
196.392

■ 72, 41.103,
196.373

Harmonies

Complementary

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



77, 10.589, 198.644



71, 11.681, 20.396

Rectangle

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



77, 10.589, 198.644



77, 10.589, 248.644



77, 10.589, 18.644



77, 10.589, 68.644

Sweetspot

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



77, 10.590, 198.636



99, 4.397, 199.270



76, 19.619, 143.092



53, 2.995, 199.213



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, 10.590, 198.636



97, 15.282, 198.481



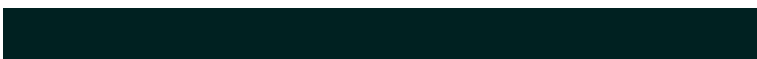
73, 9.462, 255.684



40, 3.949, 198.973



60, 35.477, 196.373



11, 12.444, 196.382

Inverse Universe

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



71, 11.681, 20.396



88, 17.206, 20.656



74, 9.877, 71.727



38, 4.187, 19.913



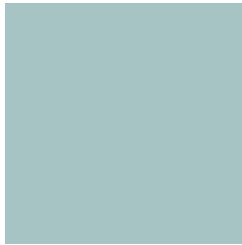
33, 73.724, 39.720



3, 13.999, 19.400

Previews

White Background



This preview shows how the CIELCh color 77, 10.589, 198.644 looks on a white background.

Color Contrast Check

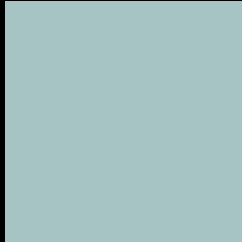
Large Text (above 18pt) WCAG AA × Fail

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 77, 10.589, 198.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

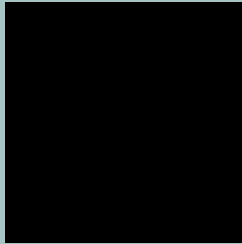
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

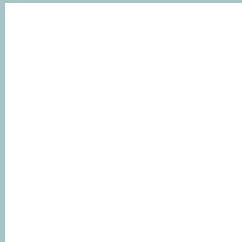
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 10.589, 198.644

Background



This preview shows how black text looks on a background with the CIELCh color 77, 10.589, 198.644.



This preview shows how white text looks on a background with the CIELCh color 77, 10.589, 198.644.

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

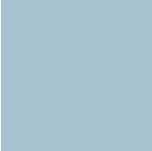
77, 10.589, 198.644

Protanopia

77, 1.972, 324.400

Deuteranopia

77, 10.562, 334.921



Tritanopia
77, 11.843, 241.966

Trichromacy



Original Color
77, 10.589, 198.644

Protanomaly
77, 3.305, 208.671

Deuteranomaly
77, 4.910, 299.144

Tritanomaly
77, 10.726, 225.676

Monochromacy



Original Color
77, 10.589, 198.644

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.003, 199.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 10.589, 198.644 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(166, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(166, 196, 196)  
}
```

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(166, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 196, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 10.589, 198.644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

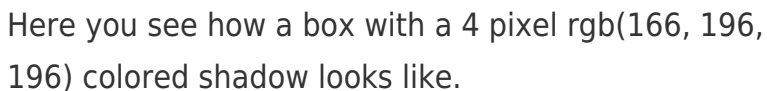
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 196, 196) }
```

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

```
.border{ border-color:rgb(166, 196, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 196, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 196, 196); box-shadow:4px 4px 4px 4px rgb(166, 196, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 10.589, 198.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 196, 196) }
```

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

```
.background{ background-color: rgb(166,  
196, 196) }
```

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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