

Converting Colors

CIELCh(77, 13.701, 200.520)

Have a look what the booklet for
CIELCh(77, 13.701, 200.520)
contains.

CIELCh(77, 13.883, 198.391)	3
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Color

CIELCh(77, 13.883, 198.391)

Conversions

Conversions Part 1

Format	Color
Hex	9EC6C6
RGB	158, 198, 198
RGB Percent	62%, 78%, 78%
CMY	0.3817, 0.2248, 0.2248
CMYK	0.20, 0.00, 0.00, 0.22
HSL	180°, 26%, 70%
HSV	180°, 20%, 78%
XYZ	44.3074, 51.5317, 60.8342
YIQ	186.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

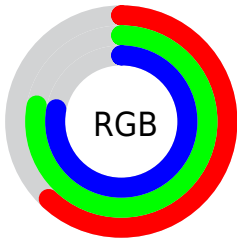
Format	Color
RYB	158, 178, 198
Decimal	10405574
CIELab	77.00, -13.17, -4.38
CIELCh	77, 13.883, 198.391
Yxy	51.5317, 0.2828, 0.3289
Android (android.graphics.Color)	4288595654 (0xFF9EC6C6)
YUV	186.0400, 5.8963, -24.5911
Hunter-Lab	71.7856, -15.4514, 0.0050

Details

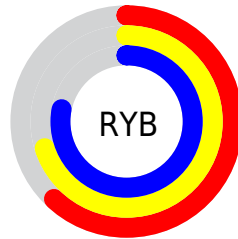
The CIELCh color **77, 13.883, 198.391** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 15.848, 20.841**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **57, 13.727, 198.124** is the 20% darker color. If you saturate the color by 10%, you get **76, 20.022, 197.917**, and if you desaturate by 10%, it is **78, 7.227, 198.923**.

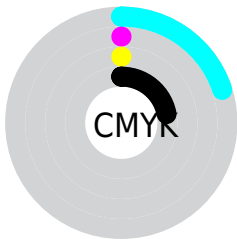
Distribution



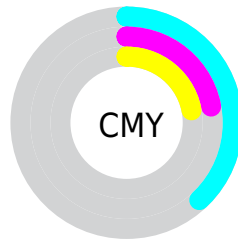
- Red (62%)
- Green (78%)
- Blue (78%)



- Red (62%)
- Yellow (70%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 13.883, 198.391 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, 13.883, 198.391 by changing the saturation by 10% instead.


 77, 13.883,
198.391


 77, 13.883,
198.391


 100, 13.883,
198.391


 67, 13.883,
198.391


 97, 13.883,
198.391

 57, 13.883,
198.391

 47, 13.883,
198.391

 37, 13.883,
198.391

 27, 13.883,
198.391

 17, 13.883,
198.391

 7, 13.883, 198.391

0, 13.883, 198.391

77, 13.883,
198.391

77, 13.883,
198.391

76, 20.022,
197.917

78, 7.227, 198.923

75, 25.528,
197.509

80, 0.167, 202.660

81, 7.193, 19.884

74, 30.293,
197.163

83, 14.763, 20.518

74, 34.227,
196.881

85, 21.874, 21.094

85, 21.874, 21.093

73, 37.276,
196.666

85, 21.874, 21.092

73, 39.429,
196.515

85, 21.874, 21.090

■ 73, 40.732,
196.424

■ 85, 21.874, 21.089

■ 72, 41.373,
196.379

Harmonies

Complementary

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



77, 13.883, 198.391



69, 15.848, 20.841

Rectangle

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



77, 13.883, 198.391



77, 13.883, 248.391



77, 13.883, 18.391



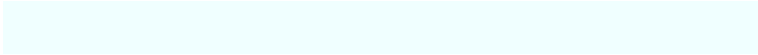
77, 13.883, 68.391

Sweetspot

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



77, 13.884, 198.385



99, 5.264, 199.193



76, 26.150, 142.741



53, 3.486, 199.146



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, 13.884, 198.385



96, 19.973, 198.185



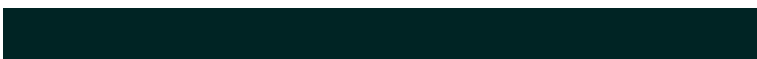
72, 12.548, 256.461



41, 4.034, 198.975



61, 35.890, 196.379



12, 12.984, 196.381

Inverse Universe

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



69, 15.848, 20.841



84, 23.487, 21.253



73, 13.307, 71.139



39, 4.279, 19.919



34, 74.642, 39.774



3, 15.885, 19.402

Previews

White Background



This preview shows how the CIELCh color 77, 13.883, 198.391 looks on a white background.

Color Contrast Check

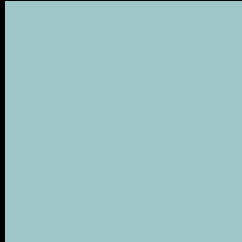
Large Text (above 18pt) WCAG AA × Fail

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, 13.883, 198.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

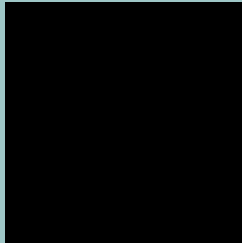
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

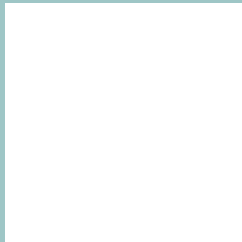
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 13.883, 198.391

Background



This preview shows how black text looks on a background with the CIELCh color 77, 13.883, 198.391.

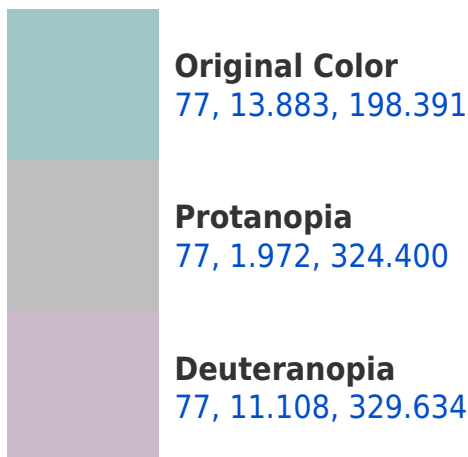


This preview shows how white text looks on a background with the CIELCh color 77, 13.883, 198.391.

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, 14.349, 232.995

Trichromacy



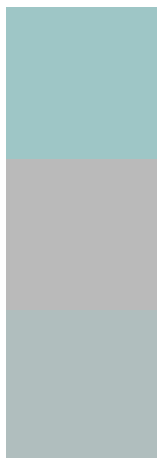
Original Color
77, 13.883, 198.391

Protanomaly
77, 4.447, 213.198

Deuteranomaly
77, 5.415, 283.040

Tritanomaly
77, 13.687, 219.316

Monochromacy



Original Color
77, 13.883, 198.391

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.076, 199.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 13.883, 198.391 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(158, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(158, 198, 198)  
}
```

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(158, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 198, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 13.883, 198.391 is called "border". The border property can be set on classes, ids or directly on the HTML element.

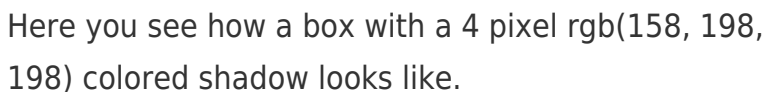
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 198, 198) }
```

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

```
.border{ border-color:rgb(158, 198, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(158, 198,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 13.883, 198.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 198, 198) }
```

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

```
.background{ background-color: rgb(158,  
198, 198) }
```

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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