

Converting Colors

CIELCh(77, 14.056, 198.381)

Have a look what the booklet for
CIELCh(77, 14.056, 198.381)
contains.

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Color

CIELCh(77, 14.207, 198.366)

Conversions

Conversions Part 1

Format	Color
Hex	9DC6C6
RGB	157, 198, 198
RGB Percent	62%, 78%, 78%
CMY	0.3850, 0.2242, 0.2242
CMYK	0.21, 0.00, 0.00, 0.22
HSL	180°, 26%, 70%
HSV	180°, 21%, 78%
XYZ	44.2014, 51.5317, 60.9410
YIQ	185.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

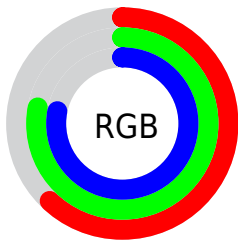
Format	Color
RYB	157, 178, 198
Decimal	10340038
CIELab	77.00, -13.48, -4.48
CIELCh	77, 14.207, 198.366
Yxy	51.5317, 0.2821, 0.3289
Android (android.graphics.Color)	4288530118 (0xFF9DC6C6)
YUV	185.7410, 6.0437, -25.2059
Hunter-Lab	71.7856, -15.7150, -0.0832

Details

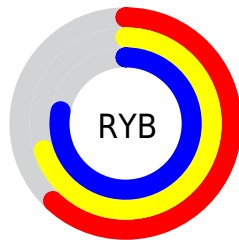
The CIELCh color **77, 14.207, 198.366** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 16.275, 20.888**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **57, 14.053, 198.093** is the 20% darker color. If you saturate the color by 10%, you get **76, 20.322, 197.895**, and if you desaturate by 10%, it is **78, 7.570, 198.894**.

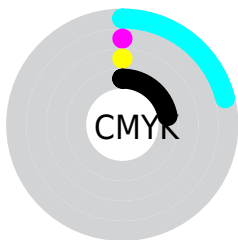
Distribution



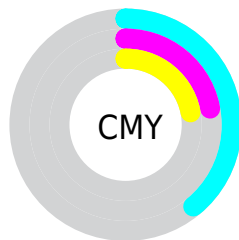
- Red (62%)
- Green (78%)
- Blue (78%)



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



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (22%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 14.207, 198.366 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, 14.207, 198.366 by changing the saturation by 10% instead.

 77, 14.207,
198.366

 77, 14.207,
198.366

 100, 14.207,
198.366

 67, 14.207,
198.366

 97, 14.207,
198.366

 57, 14.207,
198.366

 47, 14.207,
198.366

 37, 14.207,
198.366

 27, 14.207,
198.366

 17, 14.207,
198.366

 7, 14.207, 198.366

0, 14.207, 198.366

77, 14.207,
198.366

77, 14.207,
198.366

76, 20.322,
197.895

78, 7.570, 198.894

75, 25.798,
197.490

80, 0.522, 200.410

81, 6.831, 19.851

74, 30.526,
197.147

83, 14.397, 20.487

74, 34.421,
196.869

85, 21.804, 21.087

85, 21.804, 21.086

73, 37.428,
196.656

85, 21.804, 21.084

73, 39.538,
196.508

85, 21.804, 21.083

■ 73, 40.802,
196.420

■ 85, 21.804, 21.082

■ 72, 41.399,
196.378

Harmonies

Complementary

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



77, 14.207, 198.366



68, 16.275, 20.888

Rectangle

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



77, 14.207, 198.366



77, 14.207, 248.366



77, 14.207, 18.366



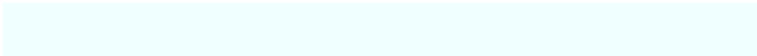
77, 14.207, 68.366

Sweetspot

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



77, 14.208, 198.360



99, 5.264, 199.193



76, 26.806, 142.704



53, 3.486, 199.145



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, 14.208, 198.360



96, 20.731, 198.137



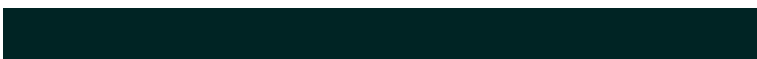
72, 12.856, 256.542



41, 4.034, 198.974



61, 35.890, 196.378



12, 12.984, 196.380

Inverse Universe

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



68, 16.275, 20.888



83, 24.560, 21.360



73, 13.656, 71.080



39, 4.279, 19.918



34, 74.642, 39.774



3, 15.885, 19.402

Previews

White Background



This preview shows how the CIE LCh color 77, 14.207, 198.366 looks on a white background.

Color Contrast Check

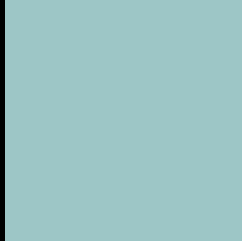
Large Text (above 18pt) WCAG AA × Fail

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, 14.207, 198.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

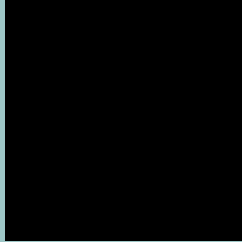
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

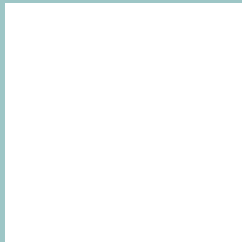
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 14.207, 198.366

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.207, 198.366.

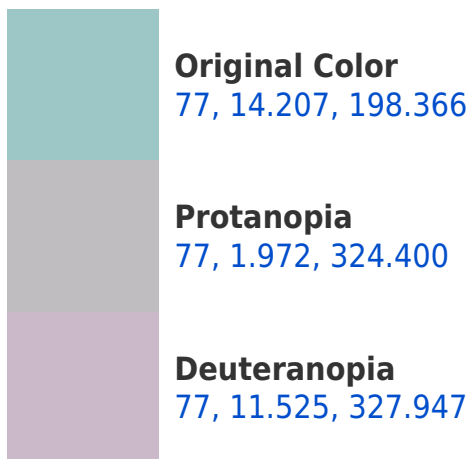


This preview shows how white text looks on a background with the CIELCh color 77, 14.207, 198.366.

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



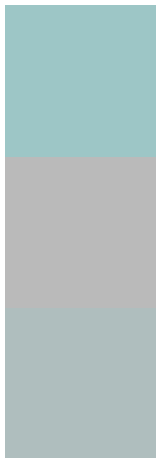
Original Color
77, 14.207, 198.366

Protanomaly
77, 4.792, 212.140

Deuteranomaly
77, 5.995, 280.385

Tritanomaly
77, 13.687, 219.316

Monochromacy



Original Color
77, 14.207, 198.366

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.432, 199.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.207, 198.366 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(157, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 198, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.207, 198.366 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(157, 198, 198) }
```

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

```
.border{ border-color:rgb(157, 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(157, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 198, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 198, 198); box-shadow:4px 4px 4px 4px rgb(157, 198, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.207, 198.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 198, 198) }
```

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

```
.background{ background-color: rgb(157,  
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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