

Converting Colors

CIELCh(77, 13.816, 190.207)

Have a look what the booklet for
CIELCh(77, 13.816, 190.207)
contains.

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Color

CIELCh(77, 13.906, 189.452)

Conversions

Conversions Part 1

Format	Color
Hex	9FC6C2
RGB	159, 198, 194
RGB Percent	62%, 78%, 76%
CMY	0.3772, 0.2243, 0.2400
CMYK	0.20, 0.00, 0.02, 0.22
HSL	174°, 25%, 70%
HSV	174°, 20%, 78%
XYZ	44.1214, 51.5317, 58.5410
YIQ	185.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

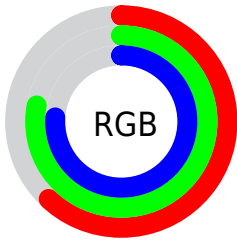
Format	Color
R_{YB}	159, 180, 198
Decimal	10471106
CIE _{Lab}	77.00, -13.72, -2.28
CIE _{LCh}	77, 13.906, 189.452
Yxy	51.5317, 0.2861, 0.3342
Android (android.graphics.Color)	4288661186 (0xFF9FC6C2)
YUV	185.8830, 4.0017, -23.5764
Hunter-Lab	71.7856, -15.9140, 1.8991

Details

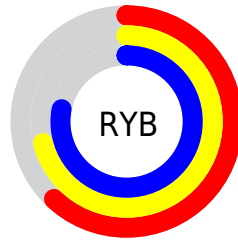
The CIELCh color **77, 13.906, 189.452** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 15.421, 12.726**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.148, 188.103**, and **57, 13.825, 188.543** is the 20% darker color. If you saturate the color by 10%, you get **76, 20.382, 188.641**, and if you desaturate by 10%, it is **78, 7.004, 190.264**.

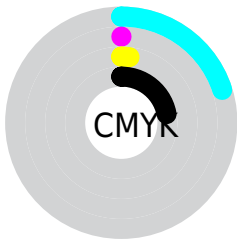
Distribution



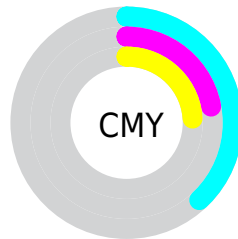
- Red (62%)
- Green (78%)
- Blue (76%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)




- Cyan (38%)
- Magenta (22%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 13.906, 189.452 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, 13.906, 189.452 by changing the saturation by 10% instead.


 77, 13.906,
189.452


 77, 13.906,
189.452


 100, 13.906,
189.452


 67, 13.906,
189.452


 97, 13.906,
189.452

 57, 13.906,
189.452

 47, 13.906,
189.452

 37, 13.906,
189.452

 27, 13.906,
189.452

 17, 13.906,
189.452

 7, 13.906, 189.452

0, 13.906, 189.452

77, 13.906,
189.452

77, 13.906,
189.452

76, 20.382,
188.641

78, 7.004, 190.264

75, 26.310,
187.824

80, 0.212, 8.455

82, 7.641, 11.647

74, 31.570,
186.982

83, 15.198, 12.432

73, 36.058,
186.104

85, 21.779, 12.703

85, 21.874, 9.950

73, 39.698,
185.173

85, 22.023, 7.229

72, 42.458,
184.173

85, 22.223, 4.552

■ 72, 44.363,
183.084

■ 85, 22.474, 1.931

■ 72, 45.591,
181.912

■ 72, 45.624,
181.879

Harmonies

Complementary

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



77, 13.906, 189.452



69, 15.421, 12.726

Rectangle

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



77, 13.906, 189.452



77, 13.906, 239.452



77, 13.906, 9.452



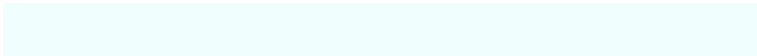
77, 13.906, 59.452

Sweetspot

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



77, 13.907, 189.447



99, 5.351, 190.588



76, 24.678, 140.178



53, 3.545, 190.525



0, 0.000, 0.000



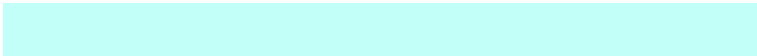
53, 0.007, 296.813

Same Dimension

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



77, 13.907, 189.447



96, 20.554, 189.073



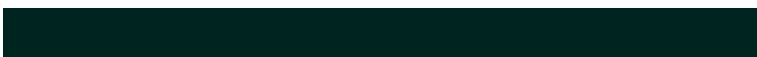
73, 11.460, 244.229



41, 4.110, 190.292



60, 39.494, 182.060



12, 13.942, 184.983

Inverse Universe

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



69, 15.421, 12.726



84, 23.406, 13.276



73, 12.536, 59.958



39, 4.310, 11.648



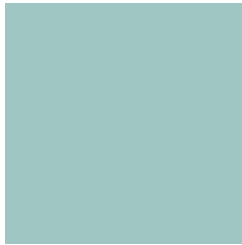
34, 70.547, 35.270



3, 15.973, 14.099

Previews

White Background



This preview shows how the CIELCh color 77, 13.906, 189.452 looks on a white background.

Color Contrast Check

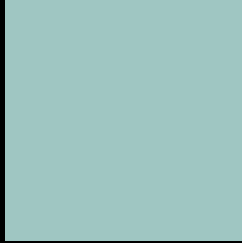
Large Text (above 18pt) WCAG AA × Fail

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, 13.906, 189.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

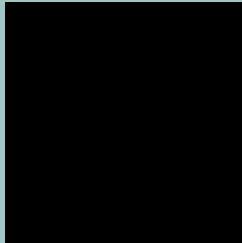
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

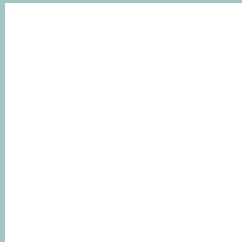
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 13.906, 189.452

Background



This preview shows how black text looks on a background with the CIELCh color 77, 13.906, 189.452.

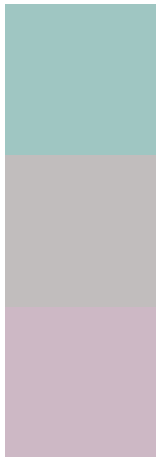


This preview shows how white text looks on a background with the CIELCh color 77, 13.906, 189.452.

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](#).

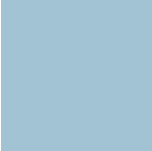
Dichromacy



Original Color
77, 13.906, 189.452

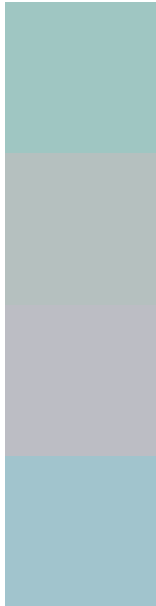
Protanopia
77, 1.484, 19.168

Deuteranopia
77, 10.464, 338.479



Tritanopia
77, 13.868, 237.247

Trichromacy



Original Color
77, 13.906, 189.452

Protanomaly
77, 4.049, 191.589

Deuteranomaly
77, 3.779, 285.030

Tritanomaly
77, 12.800, 220.904

Monochromacy



Original Color
77, 13.906, 189.452

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.125, 193.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 13.906, 189.452 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(159, 198, 194)` looks like.

```
.text, #text, p{  
    color:rgb(159, 198, 194)  
}
```

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(159, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 198, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 13.906, 189.452 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(159, 198, 194) }
```

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

```
.border{ border-color:rgb(159, 198, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 198, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 198, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 198, 194);  
box-shadow:4px 4px 4px 4px rgb(159, 198,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 13.906, 189.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 198, 194) }
```

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

```
.background{ background-color: rgb(159,  
198, 194) }
```

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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