

Converting Colors

CIELCh(77, 38.435, 158.513)

Have a look what the booklet for
CIELCh(77, 38.435, 158.513)
contains.

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Color

CIELCh(77, 38.242, 158.672)

Conversions

Conversions Part 1

Format	Color
Hex	7ACFA3
RGB	122, 207, 163
RGB Percent	48%, 81%, 64%
CMY	0.5208, 0.1874, 0.3600
CMYK	0.41, 0.00, 0.21, 0.19
HSL	149°, 47%, 65%
HSV	149°, 41%, 81%
XYZ	37.0476, 51.5317, 42.7379
YIQ	176.5690, -36.5360, -31.7040

Conversions

Conversions Part 2

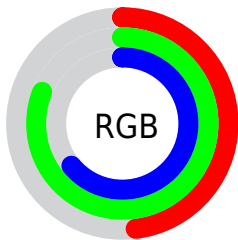
Format	Color
RYB	122, 179, 207
Decimal	8048547
CIELab	77.00, -35.62, 13.91
CIELCh	77, 38.242, 158.672
Yxy	51.5317, 0.2821, 0.3924
Android (android.graphics.Color)	4286238627 (0xFF7ACFA3)
YUV	176.5690, -6.6895, -47.8570
Hunter-Lab	71.7856, -33.5033, 14.9513

Details

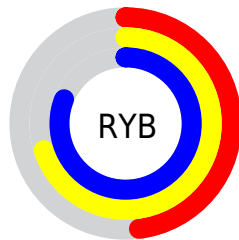
The CIELCh color **77, 38.242, 158.672** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **62, 39.943, 346.717**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.710, 161.839**, and **57, 38.334, 158.633** is the 20% darker color. If you saturate the color by 10%, you get **76, 46.789, 157.342**, and if you desaturate by 10%, it is **78, 29.235, 159.845**.

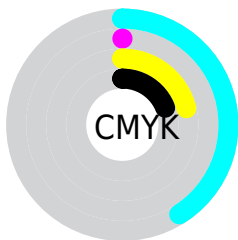
Distribution



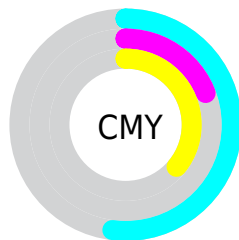
- Red (48%)
- Green (81%)
- Blue (64%)



- Red (48%)
- Yellow (70%)
- Blue (81%)



- Cyan (41%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)




- Cyan (52%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 38.242, 158.672 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, 38.242, 158.672 by changing the saturation by 10% instead.

 77, 38.242,
158.672

 77, 38.242,
158.672


 100, 38.242,
158.672


 67, 38.242,
158.672


 97, 38.242,
158.672

 57, 38.242,
158.672

 47, 38.242,
158.672

 37, 38.242,
158.672

 27, 38.242,
158.672

 17, 38.242,
158.672

 7, 38.242, 158.672

■ 0, 38.242, 158.672

■ 77, 38.242,
158.672

■ 77, 38.242,
158.672

■ 76, 46.789,
157.342

■ 78, 29.235,
159.845

■ 75, 54.713,
155.832

■ 80, 19.925,
160.888

■ 74, 61.874,
154.122

■ 81, 10.460,
161.832

■ 74, 68.180,
152.199

■ 83, 0.963, 163.051

■ 74, 73.605,
150.073

■ 85, 8.466, 343.331

■ 87, 17.753,
344.046

■ 73, 77.853,
148.078

■ 88, 23.510,

337.742

■ 88, 27.509,
329.149

■ 89, 29.961,
325.467

Harmonies

Complementary

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



77, 38.242, 158.672



62, 39.943, 346.717

Rectangle

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



77, 38.242, 158.672



77, 38.242, 208.672



77, 38.242, 338.672



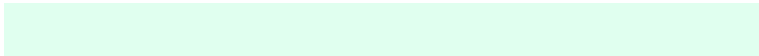
77, 38.242, 28.672

Sweetspot

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



77, 38.243, 158.671



97, 13.476, 161.730



79, 46.918, 125.943



52, 8.939, 161.608



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, 38.243, 158.671



92, 53.319, 157.543



78, 27.220, 194.220



43, 5.422, 161.979



61, 66.187, 148.442



13, 22.719, 153.907

Inverse Universe

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



62, 39.943, 346.717



70, 55.941, 347.868



61, 35.751, 21.004



41, 5.486, 343.434



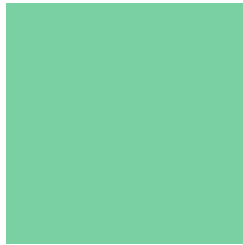
36, 62.334, 0.012



5, 21.997, 352.790

Previews

White Background



This preview shows how the CIELCh color 77, 38.242, 158.672 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, 38.242, 158.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

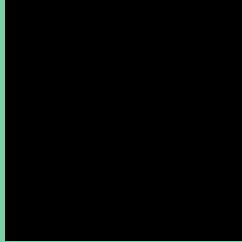
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

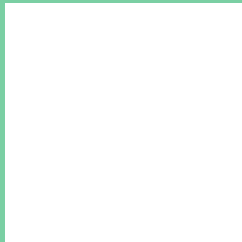
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 38.242, 158.672

Background



This preview shows how black text looks on a background with the CIELCh color 77, 38.242, 158.672.

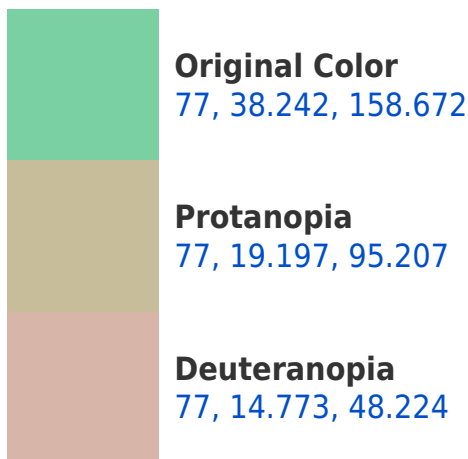


This preview shows how white text looks on a background with the CIELCh color 77, 38.242, 158.672.

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](#).

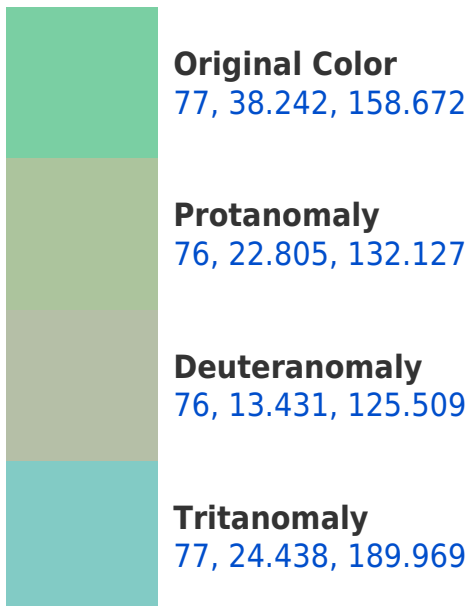
Dichromacy



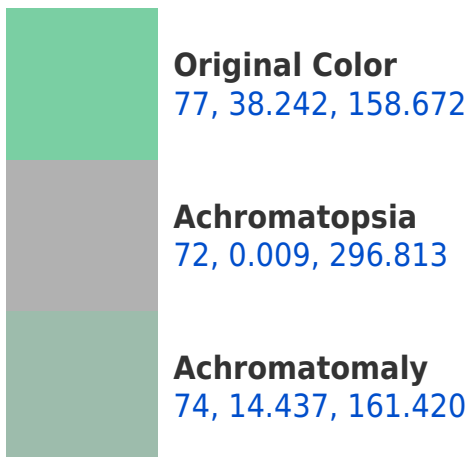


Tritanopia
77, 22.058, 221.157

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 38.242, 158.672 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(122, 207, 163)` looks like.

```
.text, #text, p{  
    color:rgb(122, 207, 163)  
}
```

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(122, 207, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 207, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 38.242, 158.672 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(122, 207, 163) }
```

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

```
.border{ border-color:rgb(122, 207, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 207, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 207, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 207, 163);  
box-shadow:4px 4px 4px 4px rgb(122, 207,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 38.242, 158.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 207, 163) }
```

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

```
.background{ background-color: rgb(122,  
207, 163) }
```

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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