

Converting Colors

CIELCh(73, 38.225, 167.623)

Have a look what the booklet for
CIELCh(73, 38.225, 167.623)
contains.

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Color

CIELCh(73, 38.111, 167.554)

Conversions

Conversions Part 1

Format	Color
Hex	62C5A3
RGB	98, 197, 163
RGB Percent	38%, 77%, 64%
CMY	0.6157, 0.2275, 0.3608
CMYK	0.50, 0.00, 0.17, 0.23
HSL	159°, 46%, 58%
HSV	159°, 50%, 77%
XYZ	31.6069, 45.1644, 41.6947
YIQ	163.5230, -48.0900, -31.5620

Conversions

Conversions Part 2

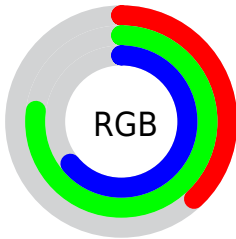
Format	Color
RYB	98, 158, 197
Decimal	6473123
CIELab	73.00, -37.22, 8.21
CIElCh	73, 38.111, 167.554
Yxy	45.1644, 0.2668, 0.3812
Android (android.graphics.Color)	4284663203 (0xFF62C5A3)
YUV	163.5230, -0.2578, -57.4637
Hunter-Lab	67.2044, -33.6575, 10.2587

Details

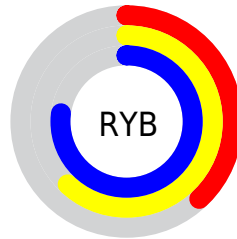
The CIELCh color **73, 38.111, 167.554** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **54, 43.154, 359.526**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 37.876, 167.636**, and **53, 38.464, 167.054** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.318, 166.092**, and if you desaturate by 10%, it is **74, 31.274, 168.862**.

Distribution



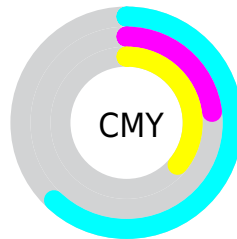
- Red (38%)
- Green (77%)
- Blue (64%)



- Red (38%)
- Yellow (62%)
- Blue (77%)



- Cyan (50%)
- Magenta (0%)
- Yellow (17%)
- Black (23%)





- Cyan (62%)
- Magenta (23%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 38.111, 167.554 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 73, 38.111, 167.554 by changing the saturation by 10% instead.


 73, 38.111,
167.554


 73, 38.111,
167.554


 100, 38.111,
167.554


 63, 38.111,
167.554


 93, 38.111,
167.554


 53, 38.111,
167.554

 43, 38.111,
167.554

 33, 38.111,
167.554

 23, 38.111,
167.554

 13, 38.111,
167.554

 3, 38.111, 167.554

■ 0, 38.111, 167.554

■ 73, 38.111,
167.554

■ 73, 38.111,
167.554

■ 72, 44.318,
166.092

■ 74, 31.274,
168.862

■ 72, 49.787,
164.456

■ 75, 23.934,
170.046

■ 71, 54.457,
162.623

■ 76, 16.227,
171.128

■ 71, 58.330,
160.585

■ 78, 8.279, 172.140

■ 79, 0.204, 175.234

■ 71, 61.504,
158.468

■ 81, 7.904, 353.790

■ 83, 15.972,
354.619

■ 85, 23.752,
355.135

■ 85, 25.311,
347.792

Harmonies

Complementary

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



73, 38.111, 167.554



54, 43.154, 359.526

Rectangle

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



73, 38.111, 167.554



73, 38.111, 217.554



73, 38.111, 347.554



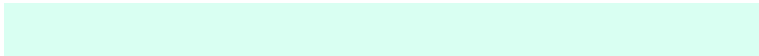
73, 38.111, 37.554

Sweetspot

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



73, 38.112, 167.553



97, 14.881, 171.642



73, 57.514, 131.711



51, 10.135, 171.425



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 38.112, 167.553



91, 54.292, 165.990



70, 26.431, 215.674



41, 4.615, 172.227



59, 53.185, 158.805



11, 17.451, 164.679

Inverse Universe

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



54, 43.154, 359.526



64, 62.712, 1.883



57, 38.937, 35.687



39, 4.723, 353.838



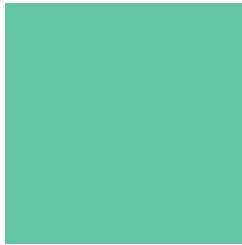
34, 61.531, 16.522



4, 16.718, 1.994

Previews

White Background



This preview shows how the CIELCh color 73, 38.111, 167.554 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 73, 38.111, 167.554 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 73, 38.111, 167.554

Background



This preview shows how black text looks on a background with the CIELCh color 73, 38.111, 167.554.

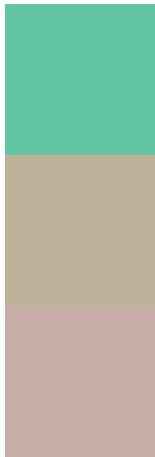


This preview shows how white text looks on a background with the CIELCh color 73, 38.111, 167.554.

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

73, 38.111, 167.554

Protanopia

73, 13.972, 94.042

Deuteranopia

73, 10.729, 31.821



Tritanopia
73, 25.574, 216.432

Trichromacy



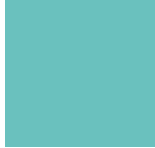
Original Color
73, 38.111, 167.554



Protanomaly
72, 19.053, 145.276



Deuteranomaly
72, 10.904, 150.240

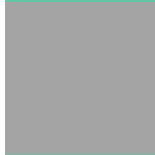


Tritanomaly
73, 27.740, 193.900

Monochromacy



Original Color
73, 38.111, 167.554



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 14.845, 171.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 38.111, 167.554 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(98, 197, 163)` looks like.

```
.text, #text, p{  
    color:rgb(98, 197, 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(98, 197, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 197, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 38.111, 167.554 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(98, 197, 163) }
```

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

```
.border{ border-color:rgb(98, 197, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 197, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 197, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 197, 163);  
box-shadow:4px 4px 4px 4px rgb(98, 197,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 38.111, 167.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 197, 163) }
```

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

```
.background{ background-color: rgb(98, 197,  
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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