

Converting Colors

CIELCh(73, 38.116, 160.997)

Have a look what the booklet for
CIELCh(73, 38.116, 160.997)
contains.

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Color

CIELCh(73, 38.091, 160.908)

Conversions

Conversions Part 1

Format	Color
Hex	6CC49B
RGB	108, 196, 155
RGB Percent	42%, 77%, 61%
CMY	0.5755, 0.2304, 0.3913
CMYK	0.45, 0.00, 0.21, 0.23
HSL	152°, 43%, 60%
HSV	152°, 45%, 77%
XYZ	31.9419, 45.1644, 38.1442
YIQ	165.0140, -39.2870, -31.4070

Conversions

Conversions Part 2

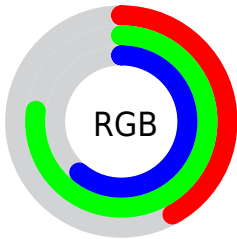
Format	Color
RYB	108, 165, 196
Decimal	7128219
CIELab	73.00, -36.00, 12.46
CIELCh	73, 38.091, 160.908
Yxy	45.1644, 0.2772, 0.3919
Android (android.graphics.Color)	4285318299 (0xFF6CC49B)
YUV	165.0140, -4.9369, -50.0013
Hunter-Lab	67.2044, -32.7677, 13.3911

Details

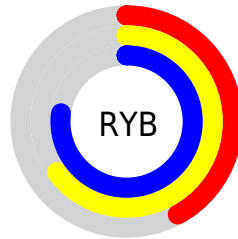
The CIELCh color **73, 38.091, 160.908** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **57, 40.520, 350.333**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 38.089, 160.529**, and **53, 38.214, 160.901** is the 20% darker color. If you saturate the color by 10%, you get **72, 45.639, 159.509**, and if you desaturate by 10%, it is **74, 30.035, 162.147**.

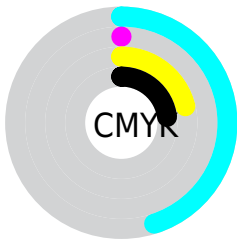
Distribution



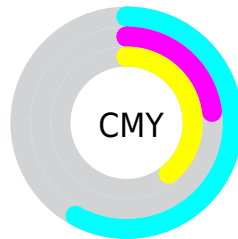
- Red (42%)
- Green (77%)
- Blue (61%)



- Red (42%)
- Yellow (65%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)





- Cyan (58%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 38.091, 160.908 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, 38.091, 160.908 by changing the saturation by 10% instead.


 73, 38.091,
160.908

 73, 38.091,
160.908


 100, 38.091,
160.908


 63, 38.091,
160.908


 93, 38.091,
160.908

 53, 38.091,
160.908

 43, 38.091,
160.908

 33, 38.091,
160.908

 23, 38.091,
160.908

 13, 38.091,
160.908

 3, 38.091, 160.908

0, 38.091, 160.908

73, 38.091,
160.908

73, 38.091,
160.908

72, 45.639,
159.509

74, 30.035,
162.147

71, 52.538,
157.928

75, 21.616,
163.254

71, 58.680,
156.143

77, 12.974,
164.255

70, 64.010,
154.147

78, 4.234, 165.214

70, 68.545,
151.951

80, 4.504, 345.840

82, 13.159,
346.649

70, 70.687,
150.812

84, 21.670,

347.354

■ 85, 27.021,
343.161

■ 86, 30.024,
335.809

Harmonies

Complementary

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



73, 38.091, 160.908



57, 40.520, 350.333

Rectangle

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



73, 38.091, 160.908



73, 38.091, 210.908



73, 38.091, 340.908



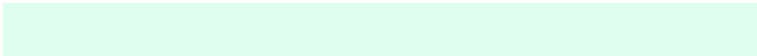
73, 38.091, 30.908

Sweetspot

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



73, 38.092, 160.907



97, 14.058, 164.412



74, 49.775, 128.156



52, 9.832, 164.197



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, 38.092, 160.907



91, 55.582, 159.509



73, 26.705, 200.870



40, 4.907, 164.774



58, 60.494, 151.183



10, 18.017, 157.976

Inverse Universe

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



57, 40.520, 350.333



68, 59.551, 351.931



56, 37.090, 26.308



38, 4.978, 346.275



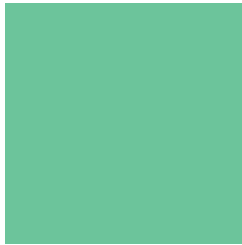
34, 59.799, 4.716



3, 15.551, 354.355

Previews

White Background



This preview shows how the CIELCh color 73, 38.091, 160.908 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, 38.091, 160.908 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, 38.091, 160.908

Background



This preview shows how black text looks on a background with the CIELCh color 73, 38.091, 160.908.

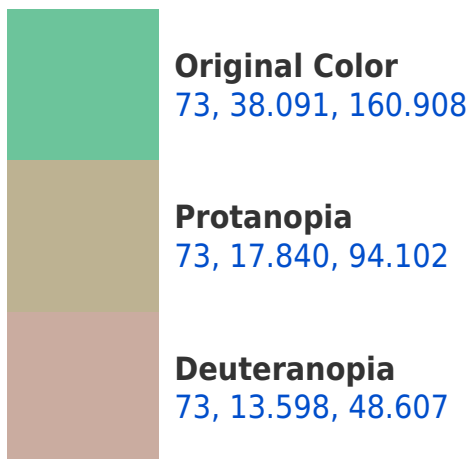


This preview shows how white text looks on a background with the CIELCh color 73, 38.091, 160.908.

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](#).

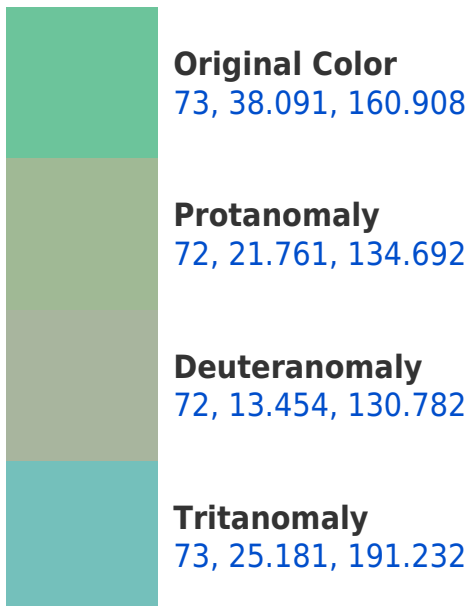
Dichromacy





Tritanopia
73, 22.954, 218.847

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 38.091, 160.908 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(108, 196, 155)` looks like.

```
.text, #text, p{  
    color:rgb(108, 196, 155)  
}
```

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(108, 196, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 196, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 38.091, 160.908 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(108, 196, 155) }
```

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

```
.border{ border-color:rgb(108, 196, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 196, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 196, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 196, 155);  
box-shadow:4px 4px 4px 4px rgb(108, 196,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 38.091, 160.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 196, 155) }
```

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

```
.background{ background-color: rgb(108,  
196, 155) }
```

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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