

Converting Colors

CIELCh(73, 37.259, 169.362)

Have a look what the booklet for
CIELCh(73, 37.259, 169.362)
contains.

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Color

CIELCh(73, 37.459, 168.919)

Conversions

Conversions Part 1

Format	Color
Hex	62C5A5
RGB	98, 197, 165
RGB Percent	38%, 77%, 65%
CMY	0.6163, 0.2280, 0.3535
CMYK	0.50, 0.00, 0.16, 0.23
HSL	161°, 46%, 58%
HSV	161°, 50%, 77%
XYZ	31.7315, 45.1644, 42.5742
YIQ	163.7510, -48.7320, -30.9400

Conversions

Conversions Part 2

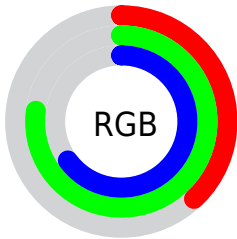
Format	Color
RYB	98, 157, 197
Decimal	6473125
CIELab	73.00, -36.76, 7.20
CIElCh	73, 37.459, 168.919
Yxy	45.1644, 0.2656, 0.3780
Android (android.graphics.Color)	4284663205 (0xFF62C5A5)
YUV	163.7510, 0.6158, -57.6636
Hunter-Lab	67.2044, -33.3264, 9.4827

Details

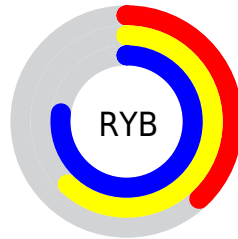
The CIELCh color **73, 37.459, 168.919** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **54, 42.913, 0.997**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 37.271, 168.948**, and **53, 37.739, 168.477** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.494, 167.474**, and if you desaturate by 10%, it is **74, 30.784, 170.216**.

Distribution



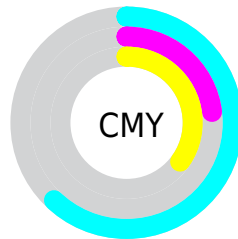
- Red (38%)
- Green (77%)
- Blue (65%)



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



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)





- Cyan (62%)
- Magenta (23%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 37.459, 168.919 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, 37.459, 168.919 by changing the saturation by 10% instead.


 73, 37.459,
168.919


 73, 37.459,
168.919


 100, 37.459,
168.919


 63, 37.459,
168.919


 93, 37.459,
168.919

 53, 37.459,
168.919

 43, 37.459,
168.919

 33, 37.459,
168.919

 23, 37.459,
168.919

 13, 37.459,
168.919

 3, 37.459, 168.919

0, 37.459, 168.919

73, 37.459,
168.919

73, 37.459,
168.919

72, 43.494,
167.474

74, 30.784,
170.216

72, 48.784,
165.859

75, 23.594,
171.393

71, 53.272,
164.051

76, 16.023,
172.473

71, 56.962,
162.041

78, 8.197, 173.486

71, 59.950,
159.958

79, 0.229, 176.372

81, 7.787, 355.144

83, 15.776,
355.983

■ 85, 23.566,
356.619

■ 85, 24.942,
349.532

Harmonies

Complementary

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



73, 37.459, 168.919



54, 42.913, 0.997

Rectangle

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



73, 37.459, 168.919



73, 37.459, 218.919



73, 37.459, 348.919



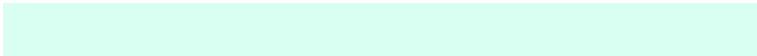
73, 37.459, 38.919

Sweetspot

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



73, 37.460, 168.918



97, 14.686, 172.991



73, 57.805, 132.211



51, 10.000, 172.773



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, 37.460, 168.918



91, 53.283, 167.377



69, 26.189, 218.046



41, 4.557, 173.577



59, 51.881, 160.289



11, 17.118, 166.072

Inverse Universe

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



54, 42.913, 0.997



64, 62.472, 3.413



57, 38.520, 37.044



39, 4.672, 355.196



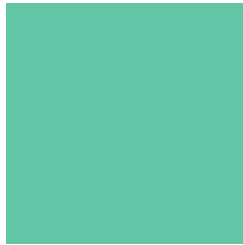
34, 61.988, 18.408



4, 16.620, 3.055

Previews

White Background



This preview shows how the CIELCh color 73, 37.459, 168.919 looks on a white background.

Color Contrast Check

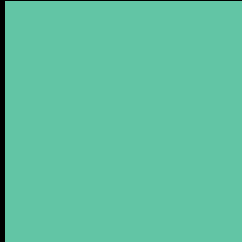
Large Text (above 18pt) WCAG AA × Fail

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, 37.459, 168.919 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

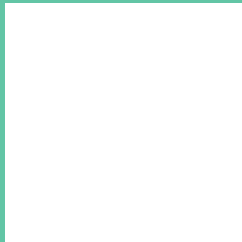
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 37.459, 168.919

Background



This preview shows how black text looks on a background with the CIELCh color 73, 37.459, 168.919.

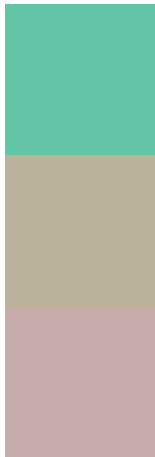


This preview shows how white text looks on a background with the CIELCh color 73, 37.459, 168.919.

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](#).

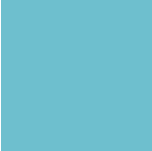
Dichromacy



Original Color
73, 37.459, 168.919

Protanopia
73, 12.928, 92.985

Deuteranopia
73, 10.121, 26.325

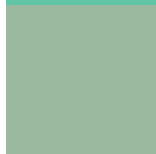


Tritanopia
73, 25.803, 216.245

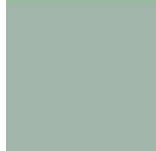
Trichromacy



Original Color
73, 37.459, 168.919



Protanomaly
72, 18.179, 147.266



Deuteranomaly
72, 10.092, 154.218

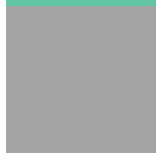


Tritanomaly
73, 27.619, 195.038

Monochromacy



Original Color
73, 37.459, 168.919



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, 37.459, 168.919 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(98, 197, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 197, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 37.459, 168.919 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, 165) }
```

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

```
.border{ border-color:rgb(98, 197, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 197, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 197, 165); box-shadow:4px 4px 4px 4px rgb(98, 197, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 37.459, 168.919 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, 165) }
```

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

```
.background{ background-color: rgb(98, 197,  
165) }
```

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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