

Converting Colors

CIELCh(73, 40.797, 162.110)

Have a look what the booklet for
CIELCh(73, 40.797, 162.110)
contains.

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Color

CIELCh(73, 40.655, 162.342)

Conversions

Conversions Part 1

Format	Color
Hex	63C59B
RGB	99, 197, 155
RGB Percent	39%, 77%, 61%
CMY	0.6102, 0.2259, 0.3907
CMYK	0.50, 0.00, 0.21, 0.23
HSL	154°, 46%, 58%
HSV	154°, 50%, 77%
XYZ	31.1915, 45.1644, 38.2473
YIQ	162.9100, -44.9260, -33.8380

Conversions

Conversions Part 2

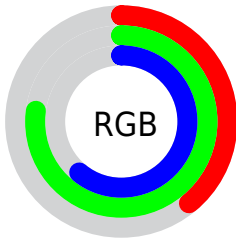
Format	Color
RYB	99, 161, 197
Decimal	6538651
CIELab	73.00, -38.74, 12.33
CIELCh	73, 40.655, 162.342
Yxy	45.1644, 0.2722, 0.3941
Android (android.graphics.Color)	4284728731 (0xFF63C59B)
YUV	162.9100, -3.8996, -56.0491
Hunter-Lab	67.2044, -34.7607, 13.3001

Details

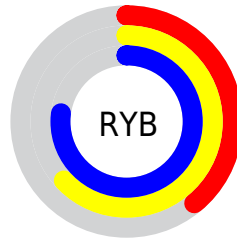
The CIELCh color **73, 40.655, 162.342** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **55, 44.091, 353.497**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.780, 162.211**, and **53, 40.296, 162.679** is the 20% darker color. If you saturate the color by 10%, you get **72, 47.627, 160.858**, and if you desaturate by 10%, it is **74, 33.093, 163.659**.

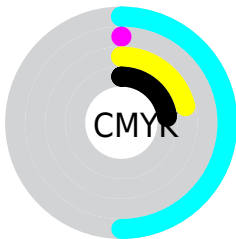
Distribution



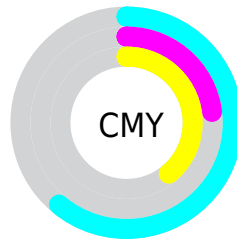
- Red (39%)
- Green (77%)
- Blue (61%)



- Red (39%)
- Yellow (63%)
- Blue (77%)



- Cyan (50%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)





- Cyan (61%)
- Magenta (23%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 40.655, 162.342 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, 40.655, 162.342 by changing the saturation by 10% instead.


 73, 40.655,
162.342


 73, 40.655,
162.342


 100, 40.655,
162.342


 63, 40.655,
162.342


 93, 40.655,
162.342

 53, 40.655,
162.342

 43, 40.655,
162.342

 33, 40.655,
162.342

 23, 40.655,
162.342

 13, 40.655,
162.342

 3, 40.655, 162.342

■ 0, 40.655, 162.342

■ 73, 40.655,
162.342

■ 73, 40.655,
162.342

■ 72, 47.627,
160.858

■ 74, 33.093,
163.659

■ 71, 53.887,
159.185

■ 75, 25.079,
164.837

■ 71, 59.354,
157.304

■ 77, 16.757,
165.900

■ 71, 64.014,
155.213

■ 78, 8.256, 166.882

■ 70, 68.008,
152.983

■ 80, 0.310, 346.322

■ 70, 68.146,
152.907

■ 82, 8.849, 348.458

■ 83, 17.292,
349.228

■ 85, 24.871,
348.809

■ 86, 27.299,
340.785

Harmonies

Complementary

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



73, 40.655, 162.342



55, 44.091, 353.497

Rectangle

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



73, 40.655, 162.342



73, 40.655, 212.342



73, 40.655, 342.342



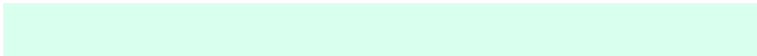
73, 40.655, 32.342

Sweetspot

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



73, 40.656, 162.341



97, 15.784, 166.341



74, 55.583, 129.081



51, 10.758, 166.129



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, 40.656, 162.341



91, 58.765, 160.657



72, 28.013, 204.710



41, 4.884, 166.907



59, 58.782, 153.256



11, 18.887, 159.394

Inverse Universe

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



55, 44.091, 353.497



65, 64.270, 355.650



55, 40.835, 29.369



39, 4.967, 348.453



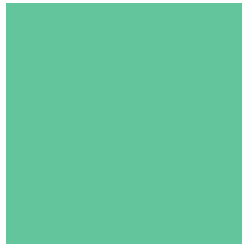
34, 60.489, 8.356



4, 17.248, 357.232

Previews

White Background



This preview shows how the CIELCh color 73, 40.655, 162.342 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 CIE LCh color 73, 40.655, 162.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

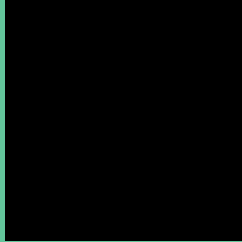
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 40.655, 162.342

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.655, 162.342.

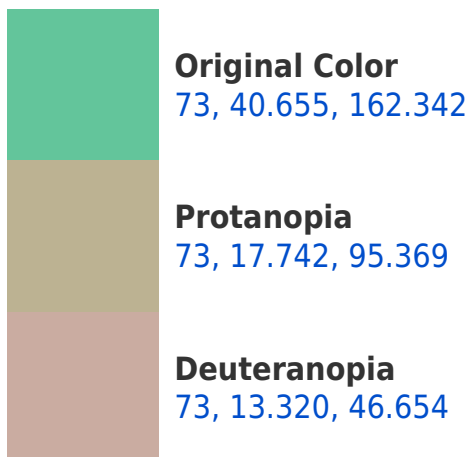


This preview shows how white text looks on a background with the CIELCh color 73, 40.655, 162.342.

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, 25.111, 216.820

Trichromacy



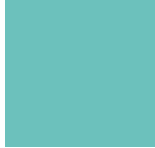
Original Color
73, 40.655, 162.342



Protanomaly
72, 22.506, 138.027



Deuteranomaly
72, 13.454, 136.071



Tritanomaly
73, 27.514, 191.592

Monochromacy



Original Color
73, 40.655, 162.342



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 16.069, 164.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.655, 162.342 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(99, 197, 155)` looks like.

```
.text, #text, p{  
    color:rgb(99, 197, 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(99, 197, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 197, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.655, 162.342 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(99, 197, 155) }
```

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

```
.border{ border-color:rgb(99, 197, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 197, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 197, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 197, 155);  
box-shadow:4px 4px 4px 4px rgb(99, 197,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.655, 162.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 197, 155) }
```

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

```
.background{ background-color: rgb(99, 197,  
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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