

Converting Colors

CIELCh(73, 41.818, 167.176)

Have a look what the booklet for
CIELCh(73, 41.818, 167.176)
contains.

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Color

CIELCh(73, 41.592, 167.404)

Conversions

Conversions Part 1

Format	Color
Hex	57C6A1
RGB	87, 198, 161
RGB Percent	34%, 78%, 63%
CMY	0.6575, 0.2222, 0.3674
CMYK	0.56, 0.00, 0.19, 0.22
HSL	160°, 49%, 56%
HSV	160°, 56%, 78%
XYZ	30.6919, 45.1644, 40.9613
YIQ	160.5930, -54.2790, -35.0390

Conversions

Conversions Part 2

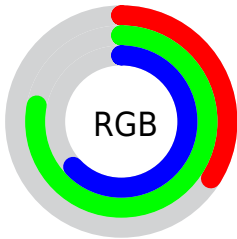
Format	Color
RYB	87, 154, 198
Decimal	5752481
CIELab	73.00, -40.59, 9.07
CIElCh	73, 41.592, 167.404
Yxy	45.1644, 0.2627, 0.3866
Android (android.graphics.Color)	4283942561 (0xFF57C6A1)
YUV	160.5930, 0.2007, -64.5411
Hunter-Lab	67.2044, -36.0878, 10.9057

Details

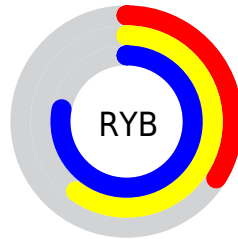
The CIELCh color **73, 41.592, 167.404** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **52, 47.948, 1.449**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 41.375, 167.686**, and **53, 41.606, 167.300** is the 20% darker color. If you saturate the color by 10%, you get **72, 47.336, 165.853**, and if you desaturate by 10%, it is **74, 35.146, 168.790**.

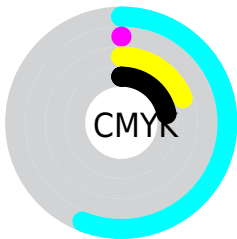
Distribution



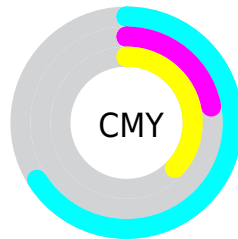
- Red (34%)
- Green (78%)
- Blue (63%)



- Red (34%)
- Yellow (60%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)





- Cyan (66%)
- Magenta (22%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 41.592, 167.404 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, 41.592, 167.404 by changing the saturation by 10% instead.

 73, 41.592,
167.404


 73, 41.592,
167.404


 100, 41.592,
167.404

 63, 41.592,
167.404


 93, 41.592,
167.404

 53, 41.592,
167.404

 43, 41.592,
167.404

 33, 41.592,
167.404

 23, 41.592,
167.404

 13, 41.592,
167.404

 3, 41.592, 167.404

0, 41.592, 167.404

73, 41.592,
167.404

73, 41.592,
167.404

72, 47.336,
165.853

74, 35.146,
168.790

72, 52.292,
164.117

75, 28.112,
170.039

71, 56.436,
162.178

76, 20.625,
171.174

71, 59.820,
160.041

77, 12.818,
172.221

71, 61.080,
159.174

79, 4.813, 173.235

81, 3.284, 353.885

83, 11.387,

354.818

■ 84, 19.429,
355.620

■ 86, 23.796,
351.770

Harmonies

Complementary

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



73, 41.592, 167.404



52, 47.948, 1.449

Rectangle

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



73, 41.592, 167.404



73, 41.592, 217.404



73, 41.592, 347.404



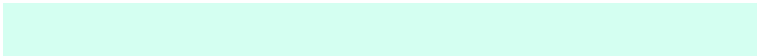
73, 41.592, 37.404

Sweetspot

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



73, 41.593, 167.403



97, 16.727, 172.089



73, 63.839, 131.450



51, 11.167, 171.880



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, 41.593, 167.403



91, 58.499, 165.515



69, 28.632, 216.226



41, 4.586, 172.881



59, 52.547, 159.519



11, 17.288, 165.352

Inverse Universe

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



52, 47.948, 1.449



61, 68.752, 4.577



55, 44.527, 36.266



39, 4.698, 354.497



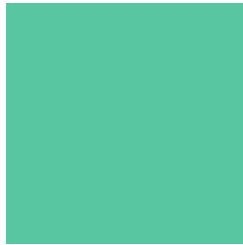
34, 61.744, 17.445



4, 16.669, 2.515

Previews

White Background



This preview shows how the CIELCh color 73, 41.592, 167.404 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, 41.592, 167.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

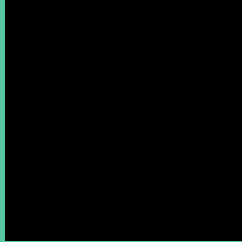
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

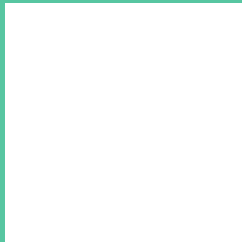
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 41.592, 167.404

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.592, 167.404.

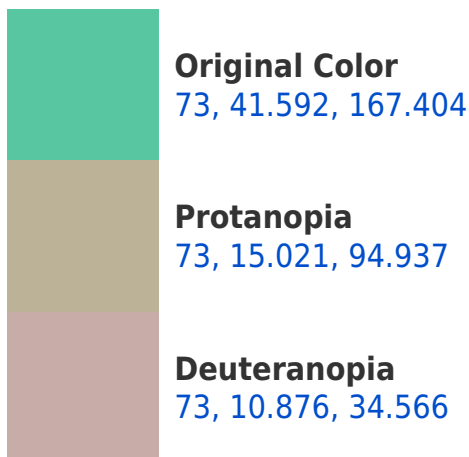


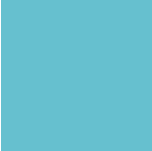
This preview shows how white text looks on a background with the CIELCh color 73, 41.592, 167.404.

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, 27.798, 214.727

Trichromacy



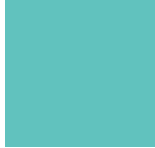
Original Color
73, 41.592, 167.404



Protanomaly
72, 20.849, 146.619



Deuteranomaly
72, 12.979, 153.042

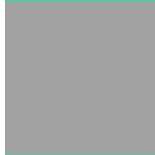


Tritanomaly
73, 30.234, 192.957

Monochromacy



Original Color
73, 41.592, 167.404



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 16.964, 170.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.592, 167.404 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(87, 198, 161)` looks like.

```
.text, #text, p{  
    color:rgb(87, 198, 161)  
}
```

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(87, 198, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 198, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.592, 167.404 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(87, 198, 161) }
```

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

```
.border{ border-color:rgb(87, 198, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 198, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 198, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 198, 161);  
box-shadow:4px 4px 4px 4px rgb(87, 198,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.592, 167.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 198, 161) }
```

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

```
.background{ background-color: rgb(87, 198,  
161) }
```

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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