

Converting Colors

CIELCh(73, 43.122, 161.233)

Have a look what the booklet for
CIELCh(73, 43.122, 161.233)
contains.

CIELCh(73, 43.142, 160.990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 43.142, 160.990)

Conversions

Conversions Part 1

Format	Color
Hex	5FC698
RGB	95, 198, 152
RGB Percent	37%, 78%, 60%
CMY	0.6269, 0.2230, 0.4034
CMYK	0.52, 0.00, 0.23, 0.22
HSL	153°, 48%, 58%
HSV	153°, 52%, 78%
XYZ	30.6387, 45.1644, 36.8652
YIQ	161.9590, -46.6220, -36.1420

Conversions

Conversions Part 2

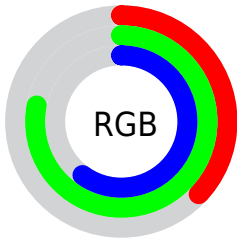
Format	Color
RYB	95, 161, 198
Decimal	6276760
CIELab	73.00, -40.79, 14.05
CIELCh	73, 43.142, 160.990
Yxy	45.1644, 0.2719, 0.4009
Android (android.graphics.Color)	4284466840 (0xFF5FC698)
YUV	161.9590, -4.9098, -58.7230
Hunter-Lab	67.2044, -36.2290, 14.5194

Details

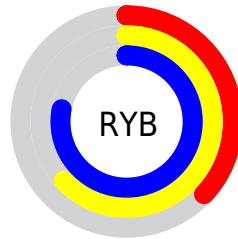
The CIELCh color **73, 43.142, 160.990** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **54, 46.532, 352.712**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 43.049, 160.874**, and **53, 42.916, 161.157** is the 20% darker color. If you saturate the color by 10%, you get **72, 50.130, 159.461**, and if you desaturate by 10%, it is **74, 35.536, 162.343**.

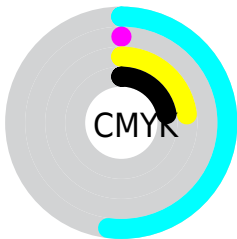
Distribution



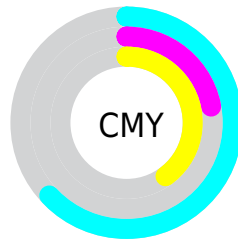
- Red (37%)
- Green (78%)
- Blue (60%)



- Red (37%)
- Yellow (63%)
- Blue (78%)



- Cyan (52%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)





- Cyan (63%)
- Magenta (22%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 43.142, 160.990 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, 43.142, 160.990 by changing the saturation by 10% instead.


 73, 43.142,
160.990


 73, 43.142,
160.990


 100, 43.142,
160.990


 63, 43.142,
160.990


 93, 43.142,
160.990

 53, 43.142,
160.990

 43, 43.142,
160.990

 33, 43.142,
160.990

 23, 43.142,
160.990

 13, 43.142,
160.990

 3, 43.142, 160.990

0, 43.142, 160.990

73, 43.142,
160.990

73, 43.142,
160.990

72, 50.130,
159.461

74, 35.536,
162.343

72, 56.380,
157.736

75, 27.450,
163.549

71, 61.823,
155.801

76, 19.031,
164.631

71, 66.459,
153.657

78, 10.414,
165.618

71, 69.731,
151.866

80, 1.718, 166.705

81, 6.961, 347.206

83, 15.548,

347.986

■ 85, 23.987,
348.690

■ 86, 26.920,
340.812

Harmonies

Complementary

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



73, 43.142, 160.990



54, 46.532, 352.712

Rectangle

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



73, 43.142, 160.990



73, 43.142, 210.990



73, 43.142, 340.990



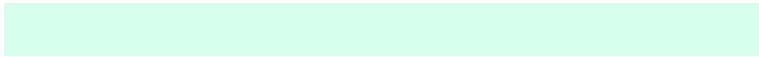
73, 43.142, 30.990

Sweetspot

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



73, 43.143, 160.989



97, 17.048, 165.207



74, 57.917, 128.426



51, 11.500, 165.000



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, 43.143, 160.989



91, 61.370, 159.307



73, 29.504, 202.733



41, 4.945, 165.866



59, 59.964, 152.222



11, 19.186, 158.443

Inverse Universe

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



54, 46.532, 352.712



64, 66.471, 354.827



54, 43.770, 28.633



39, 5.023, 347.394



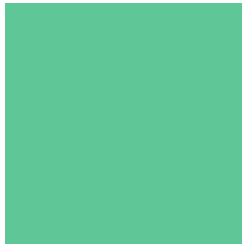
35, 60.457, 6.633



4, 17.386, 356.183

Previews

White Background



This preview shows how the CIELCh color 73, 43.142, 160.990 looks on a white background.

Color Contrast Check

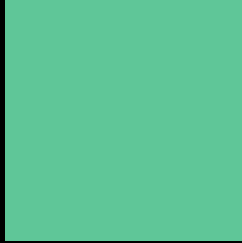
Large Text (above 18pt) WCAG AA × Fail

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, 43.142, 160.990 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, 43.142, 160.990

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.142, 160.990.

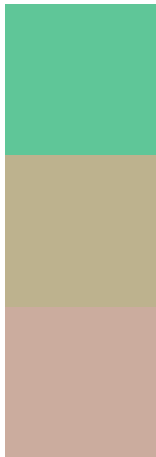


This preview shows how white text looks on a background with the CIELCh color 73, 43.142, 160.990.

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, 43.142, 160.990

Protanopia
73, 19.935, 95.332

Deuteranopia
73, 14.549, 51.433



Tritanopia
73, 25.574, 216.432

Trichromacy



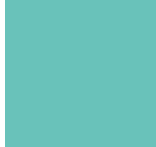
Original Color
73, 43.142, 160.990



Protanomaly
72, 24.116, 136.879



Deuteranomaly
72, 15.735, 134.879



Tritanomaly
73, 28.980, 188.503

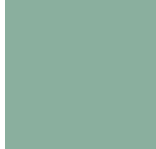
Monochromacy



Original Color
73, 43.142, 160.990



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 16.713, 164.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.142, 160.990 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(95, 198, 152)` looks like.

```
.text, #text, p{  
    color:rgb(95, 198, 152)  
}
```

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(95, 198, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 198, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.142, 160.990 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(95, 198, 152) }
```

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

```
.border{ border-color:rgb(95, 198, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 198, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 198, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 198, 152);  
box-shadow:4px 4px 4px 4px rgb(95, 198,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.142, 160.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 198, 152) }
```

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

```
.background{ background-color: rgb(95, 198,  
152) }
```

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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