

Converting Colors

CIELCh(73, 49.328, 156.542)

Have a look what the booklet for
CIELCh(73, 49.328, 156.542)
contains.

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Color

CIELCh(73, 49.394, 156.629)

Conversions

Conversions Part 1

Format	Color
Hex	58C88E
RGB	88, 200, 142
RGB Percent	35%, 78%, 56%
CMY	0.6562, 0.2169, 0.4443
CMYK	0.56, 0.00, 0.29, 0.22
HSL	149°, 50%, 56%
HSV	149°, 56%, 78%
XYZ	29.4343, 45.1644, 32.6414
YIQ	159.9000, -48.1340, -41.7820

Conversions

Conversions Part 2

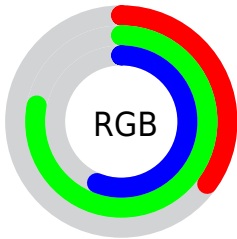
Format	Color
RYB	88, 164, 200
Decimal	5818510
CIELab	73.00, -45.34, 19.59
CIELCh	73, 49.394, 156.629
Yxy	45.1644, 0.2745, 0.4212
Android (android.graphics.Color)	4284008590 (0xFF58C88E)
YUV	159.9000, -8.8247, -63.0563
Hunter-Lab	67.2044, -39.4280, 18.2458

Details

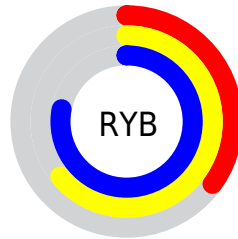
The CIELCh color **73, 49.394, 156.629** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **53, 51.853, 348.849**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 47.933, 157.229**, and **53, 49.531, 156.466** is the 20% darker color. If you saturate the color by 10%, you get **72, 56.733, 155.026**, and if you desaturate by 10%, it is **74, 41.384, 158.041**.

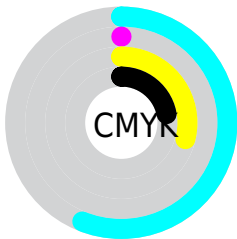
Distribution



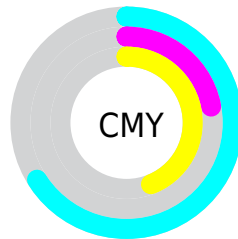
- Red (35%)
- Green (78%)
- Blue (56%)



- Red (35%)
- Yellow (64%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)




- Cyan (66%)
- Magenta (22%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 49.394, 156.629 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, 49.394, 156.629 by changing the saturation by 10% instead.

 73, 49.394,
156.629

 73, 49.394,
156.629

 100, 49.394,
156.629


 63, 49.394,
156.629


 93, 49.394,
156.629

 53, 49.394,
156.629

 43, 49.394,
156.629

 33, 49.394,
156.629

 23, 49.394,
156.629

 13, 49.394,
156.629

 3, 49.394, 156.629

0, 49.394, 156.629

73, 49.394,
156.629

73, 49.394,
156.629

72, 56.733,
155.026

74, 41.384,
158.041

72, 63.281,
153.216

75, 32.847,
159.286

71, 68.980,
151.195

76, 23.942,
160.388

71, 73.850,
148.993

78, 14.818,
161.375

71, 75.620,
148.146

79, 5.605, 162.294

81, 3.587, 342.902

83, 12.676,

343.701

■ 85, 21.600,
344.374

■ 86, 26.933,
338.765

Harmonies

Complementary

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



73, 49.394, 156.629



53, 51.853, 348.849

Rectangle

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



73, 49.394, 156.629



73, 49.394, 206.629



73, 49.394, 336.629



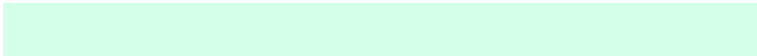
73, 49.394, 26.629

Sweetspot

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



73, 49.395, 156.629



97, 19.083, 161.266



75, 61.052, 125.348



51, 12.758, 161.071



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, 49.395, 156.629



90, 69.752, 154.703



74, 33.448, 193.441



41, 5.203, 161.992



59, 64.610, 148.510



11, 20.334, 155.166

Inverse Universe

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



53, 51.853, 348.849



62, 72.609, 351.006



52, 49.277, 24.108



39, 5.264, 343.437



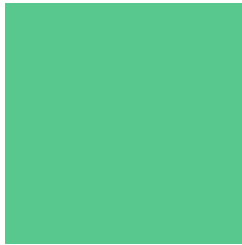
35, 60.949, 359.919



4, 18.035, 351.906

Previews

White Background



This preview shows how the CIELCh color 73, 49.394, 156.629 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, 49.394, 156.629 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, 49.394, 156.629

Background



This preview shows how black text looks on a background with the CIELCh color 73, 49.394, 156.629.

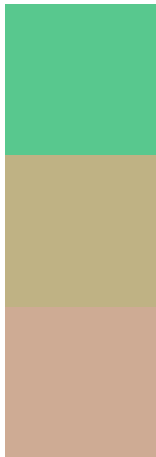


This preview shows how white text looks on a background with the CIELCh color 73, 49.394, 156.629.

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](#).

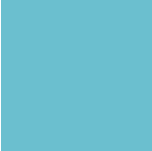
Dichromacy



Original Color
73, 49.394, 156.629

Protanopia
73, 25.352, 95.501

Deuteranopia
72, 19.061, 60.673



Tritanopia
73, 26.556, 216.920

Trichromacy



Original Color
73, 49.394, 156.629



Protanomaly
72, 29.896, 133.231



Deuteranomaly
71, 20.228, 128.708



Tritanomaly
73, 30.733, 185.754

Monochromacy



Original Color
73, 49.394, 156.629



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 18.993, 160.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 49.394, 156.629 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(88, 200, 142)` looks like.

```
.text, #text, p{  
    color:rgb(88, 200, 142)  
}
```

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(88, 200, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 200, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 49.394, 156.629 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(88, 200, 142) }
```

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

```
.border{ border-color:rgb(88, 200, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 200, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 200, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 200, 142);  
box-shadow:4px 4px 4px 4px rgb(88, 200,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 49.394, 156.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 200, 142) }
```

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

```
.background{ background-color: rgb(88, 200,  
142) }
```

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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