

Converting Colors

CIELCh(73, 49.368, 142.904)

Have a look what the booklet for
CIELCh(73, 49.368, 142.904)
contains.

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Color

CIELCh(73, 49.449, 143.095)

Conversions

Conversions Part 1

Format	Color
Hex	76C57B
RGB	118, 197, 123
RGB Percent	46%, 77%, 48%
CMY	0.5376, 0.2278, 0.5180
CMYK	0.40, 0.00, 0.38, 0.23
HSL	124°, 40%, 62%
HSV	124°, 40%, 77%
XYZ	30.9746, 45.1644, 25.7961
YIQ	164.9430, -23.3300, -39.7620

Conversions

Conversions Part 2

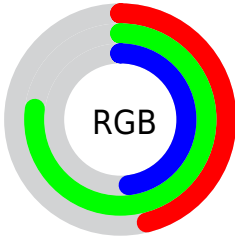
Format	Color
RYB	118, 192, 197
Decimal	7783803
CIELab	73.00, -39.54, 29.69
CIElCh	73, 49.449, 143.095
Yxy	45.1644, 0.3039, 0.4431
Android (android.graphics.Color)	4285973883 (0xFF76C57B)
YUV	164.9430, -20.6779, -41.1690
Hunter-Lab	67.2044, -35.3370, 24.2849

Details

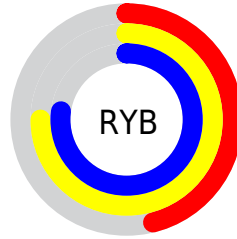
The CIELCh color **73, 49.449, 143.095** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **60, 49.358, 328.433**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 49.467, 143.126**, and **53, 49.709, 142.961** is the 20% darker color. If you saturate the color by 10%, you get **72, 60.984, 142.006**, and if you desaturate by 10%, it is **74, 37.349, 144.054**.

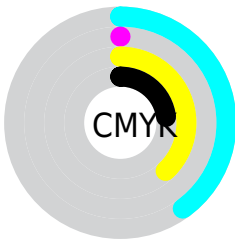
Distribution



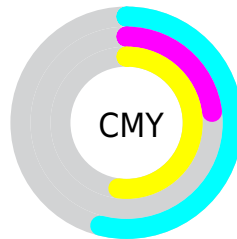
- Red (46%)
- Green (77%)
- Blue (48%)



- Red (46%)
- Yellow (75%)
- Blue (77%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (23%)





- Cyan (54%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 49.449, 143.095 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, 49.449, 143.095 by changing the saturation by 10% instead.


 73, 49.449,
143.095

 73, 49.449,
143.095


 100, 49.449,
143.095


 63, 49.449,
143.095


 93, 49.449,
143.095

 53, 49.449,
143.095

 43, 49.449,
143.095

 33, 49.449,
143.095

 23, 49.449,
143.095

 13, 49.449,
143.095

 3, 49.449, 143.095

0, 49.449, 143.095

73, 49.449,
143.095

73, 49.449,
143.095

72, 60.984,
142.006

74, 37.349,
144.054

71, 71.616,
140.803

76, 24.958,
144.884

70, 80.963,
139.538

78, 12.498,
145.602

70, 88.611,
138.301

79, 0.138, 148.135

70, 94.168,
137.222

82, 12.003,
326.673

69, 97.456,
136.495

84, 23.844,
327.121

■ 86, 35.194,
327.129

■ 86, 36.433,
325.690

Harmonies

Complementary

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



73, 49.449, 143.095



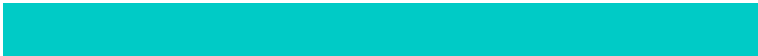
60, 49.358, 328.433

Rectangle

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



73, 49.449, 143.095



73, 49.449, 193.095



73, 49.449, 323.095



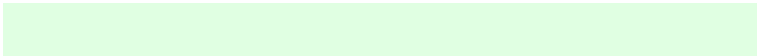
73, 49.449, 13.095

Sweetspot

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



73, 49.450, 143.095



97, 18.305, 145.461



78, 41.280, 108.620



52, 12.150, 145.369



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, 49.450, 143.095



91, 72.204, 142.164



74, 33.983, 162.396



41, 7.058, 145.651



58, 84.548, 136.609



11, 25.799, 144.683

Inverse Universe

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



60, 49.358, 328.433



73, 71.806, 328.888



59, 36.140, 350.667



39, 7.070, 326.693



38, 78.784, 330.898



4, 25.327, 329.180

Previews

White Background



This preview shows how the CIELCh color 73, 49.449, 143.095 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, 49.449, 143.095 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, 49.449, 143.095

Background



This preview shows how black text looks on a background with the CIELCh color 73, 49.449, 143.095.



This preview shows how white text looks on a background with the CIELCh color 73, 49.449, 143.095.

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, 49.449, 143.095

Protanopia
73, 34.410, 95.453

Deuteranopia
73, 28.572, 71.814



Tritanopia
73, 18.899, 223.951

Trichromacy



Original Color
73, 49.449, 143.095



Protanomaly
72, 36.463, 119.050



Deuteranomaly
72, 28.445, 109.846



Tritanomaly
73, 24.286, 173.700

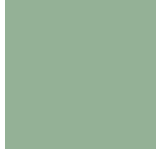
Monochromacy



Original Color
73, 49.449, 143.095



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 18.541, 145.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 49.449, 143.095 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(118, 197, 123)` looks like.

```
.text, #text, p{  
    color:rgb(118, 197, 123)  
}
```

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(118, 197, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 197, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 49.449, 143.095 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(118, 197, 123) }
```

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

```
.border{ border-color:rgb(118, 197, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 197, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 197, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 197, 123);  
box-shadow:4px 4px 4px 4px rgb(118, 197,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 49.449, 143.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 197, 123) }
```

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

```
.background{ background-color: rgb(118,  
197, 123) }
```

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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