

Converting Colors

CIELCh(73, 47.649, 154.507)

Have a look what the booklet for
CIELCh(73, 47.649, 154.507)
contains.

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Color

CIELCh(73, 47.878, 154.440)

Conversions

Conversions Part 1

Format	Color
Hex	61C78C
RGB	97, 199, 140
RGB Percent	38%, 78%, 55%
CMY	0.6205, 0.2204, 0.4518
CMYK	0.51, 0.00, 0.30, 0.22
HSL	145°, 48%, 58%
HSV	145°, 51%, 78%
XYZ	29.9989, 45.1644, 31.8696
YIQ	161.7760, -41.8530, -39.9730

Conversions

Conversions Part 2

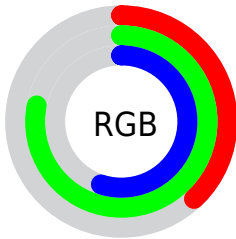
Format	Color
RYB	97, 169, 199
Decimal	6408076
CIELab	73.00, -43.19, 20.66
CIELCh	73, 47.878, 154.440
Yxy	45.1644, 0.2803, 0.4220
Android (android.graphics.Color)	4284598156 (0xFF61C78C)
YUV	161.7760, -10.7356, -56.8086
Hunter-Lab	67.2044, -37.9285, 18.9267

Details

The CIELCh color **73, 47.878, 154.440** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **55, 49.373, 344.564**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 46.932, 154.727**, and **53, 47.586, 154.766** is the 20% darker color. If you saturate the color by 10%, you get **72, 56.033, 152.951**, and if you desaturate by 10%, it is **74, 39.121, 155.745**.

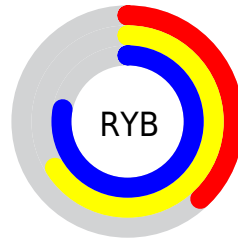
Distribution



Red (38%)

Green (78%)

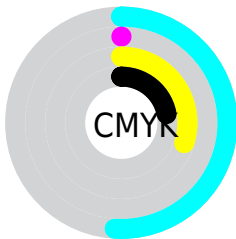
Blue (55%)



Red (38%)

Yellow (66%)

Blue (78%)

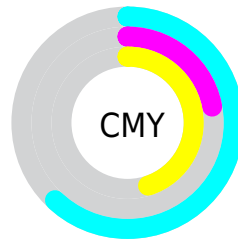


Cyan (51%)

Magenta (0%)

Yellow (30%)

Black (22%)



Cyan (62%)


Magenta (22%)


Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 47.878, 154.440 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, 47.878, 154.440 by changing the saturation by 10% instead.


 73, 47.878,
154.440

 73, 47.878,
154.440

 100, 47.878,
154.440


 63, 47.878,
154.440


 93, 47.878,
154.440

 53, 47.878,
154.440

 43, 47.878,
154.440

 33, 47.878,
154.440

 23, 47.878,
154.440

 13, 47.878,
154.440

 3, 47.878, 154.440

0, 47.878, 154.440

73, 47.878,
154.440

73, 47.878,
154.440

72, 56.033,
152.951

74, 39.121,
155.745

71, 63.432,
151.262

75, 29.924,
156.891

71, 69.971,
149.368

77, 20.452,
157.901

71, 75.605,
147.286

78, 10.853,
158.807

70, 79.874,
145.422

80, 1.250, 159.865

82, 8.262, 340.229

84, 17.608,

340.896

■ 86, 26.519,
341.049

■ 86, 30.542,
332.257

Harmonies

Complementary

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



73, 47.878, 154.440



55, 49.373, 344.564

Rectangle

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



73, 47.878, 154.440



73, 47.878, 204.440



73, 47.878, 334.440



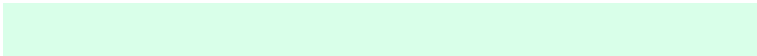
73, 47.878, 24.440

Sweetspot

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



73, 47.879, 154.440



97, 17.624, 158.463



75, 55.368, 123.635



51, 12.025, 158.270



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, 47.879, 154.440



90, 69.083, 152.695



74, 32.107, 188.697



41, 5.439, 158.974



59, 68.479, 145.768



11, 21.259, 152.888

Inverse Universe

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



55, 49.373, 344.564



65, 70.690, 346.211



54, 43.867, 19.304



39, 5.488, 340.343



35, 62.116, 354.450



4, 18.735, 348.147

Previews

White Background



This preview shows how the CIELCh color 73, 47.878, 154.440 looks on a white background.

Color Contrast Check

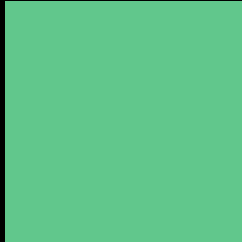
Large Text (above 18pt) WCAG AA × Fail

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, 47.878, 154.440 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, 47.878, 154.440

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.878, 154.440.

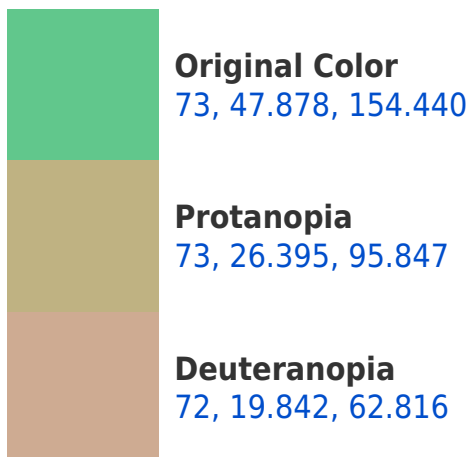


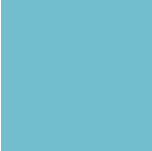
This preview shows how white text looks on a background with the CIELCh color 73, 47.878, 154.440.

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, 24.736, 218.533

Trichromacy



Original Color
73, 47.878, 154.440



Protanomaly
72, 30.206, 129.802



Deuteranomaly
72, 20.855, 124.694



Tritanomaly
73, 28.546, 185.036

Monochromacy



Original Color
73, 47.878, 154.440



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 18.141, 158.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 47.878, 154.440 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(97, 199, 140)` looks like.

```
.text, #text, p{  
    color:rgb(97, 199, 140)  
}
```

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(97, 199, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 199, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.878, 154.440 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(97, 199, 140) }
```

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

```
.border{ border-color:rgb(97, 199, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 199, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 199, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 199, 140);  
box-shadow:4px 4px 4px 4px rgb(97, 199,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.878, 154.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 199, 140) }
```

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

```
.background{ background-color: rgb(97, 199,  
140) }
```

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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