

Converting Colors

CIELCh(73, 47.509, 154.854)

Have a look what the booklet for
CIELCh(73, 47.509, 154.854)
contains.

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Color

CIELCh(73, 47.484, 154.888)

Conversions

Conversions Part 1

Format	Color
Hex	61C78D
RGB	97, 199, 141
RGB Percent	38%, 78%, 55%
CMY	0.6207, 0.2207, 0.4480
CMYK	0.51, 0.00, 0.29, 0.22
HSL	146°, 48%, 58%
HSV	146°, 51%, 78%
XYZ	30.0509, 45.1644, 32.2350
YIQ	161.8900, -42.1740, -39.6620

Conversions

Conversions Part 2

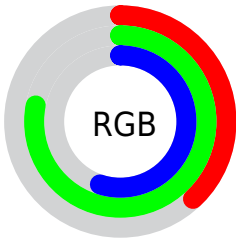
Format	Color
RYB	97, 168, 199
Decimal	6408077
CIELab	73.00, -43.00, 20.15
CIELCh	73, 47.484, 154.888
Yxy	45.1644, 0.2797, 0.4203
Android (android.graphics.Color)	4284598157 (0xFF61C78D)
YUV	161.8900, -10.2988, -56.9085
Hunter-Lab	67.2044, -37.7904, 18.6044

Details

The CIELCh color **73, 47.484, 154.888** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **55, 49.093, 345.122**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 46.558, 155.166**, and **53, 47.586, 154.766** is the 20% darker color. If you saturate the color by 10%, you get **72, 55.555, 153.395**, and if you desaturate by 10%, it is **74, 38.811, 156.197**.

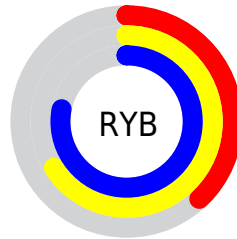
Distribution



Red (38%)

Green (78%)

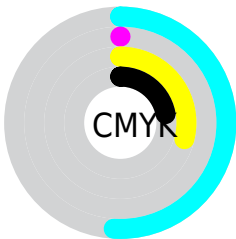
Blue (55%)



Red (38%)

Yellow (66%)

Blue (78%)

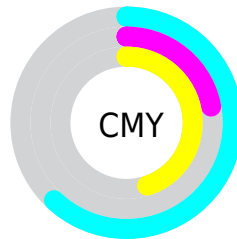


Cyan (51%)

Magenta (0%)

Yellow (29%)

Black (22%)



Cyan (62%)

Magenta (22%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 47.484, 154.888 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, 47.484, 154.888 by changing the saturation by 10% instead.

 73, 47.484,
154.888

 73, 47.484,
154.888

 100, 47.484,
154.888

 63, 47.484,
154.888


 93, 47.484,
154.888

 53, 47.484,
154.888

 43, 47.484,
154.888

 33, 47.484,
154.888

 23, 47.484,
154.888

 13, 47.484,
154.888

 3, 47.484, 154.888

0, 47.484, 154.888

73, 47.484,
154.888

73, 47.484,
154.888

72, 55.555,
153.395

74, 38.811,
156.197

71, 62.875,
151.702

75, 29.698,
157.348

71, 69.342,
149.802

77, 20.307,
158.364

71, 74.915,
147.711

78, 10.785,
159.276

70, 79.137,
145.839

80, 1.253, 160.342

82, 8.191, 340.711

84, 17.474,

341.386

■ 86, 26.351,
341.600

■ 86, 30.260,
332.806

Harmonies

Complementary

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



73, 47.484, 154.888



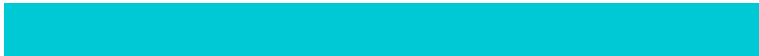
55, 49.093, 345.122

Rectangle

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



73, 47.484, 154.888



73, 47.484, 204.888



73, 47.484, 334.888



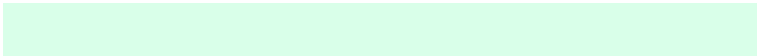
73, 47.484, 24.888

Sweetspot

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



73, 47.485, 154.888



97, 17.494, 158.931



75, 55.369, 123.635



51, 11.936, 158.736



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, 47.485, 154.888



90, 68.494, 153.140



74, 32.106, 188.696



41, 5.400, 159.445



59, 67.862, 146.188



11, 21.113, 153.228

Inverse Universe

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



55, 49.093, 345.122



64, 70.315, 346.809



54, 43.870, 19.307



39, 5.451, 340.827



35, 61.883, 355.314



4, 18.612, 348.760

Previews

White Background



This preview shows how the CIELCh color 73, 47.484, 154.888 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, 47.484, 154.888 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, 47.484, 154.888

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.484, 154.888.

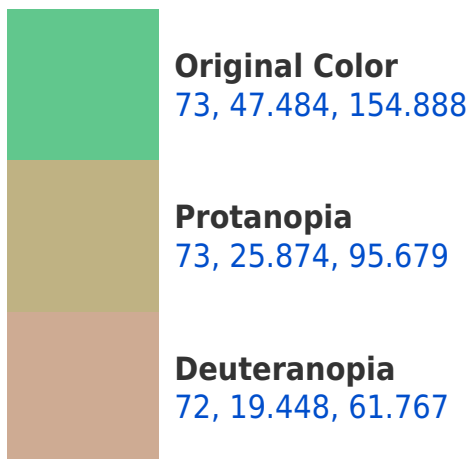


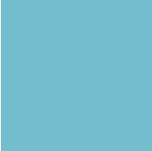
This preview shows how white text looks on a background with the CIELCh color 73, 47.484, 154.888.

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



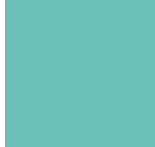
Original Color
73, 47.484, 154.888



Protanomaly
72, 29.716, 130.202



Deuteranomaly
72, 20.341, 125.143



Tritanomaly
73, 28.546, 185.036

Monochromacy



Original Color
73, 47.484, 154.888



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, 47.484, 154.888 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(97, 199, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 199, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.484, 154.888 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, 141) }
```

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

```
.border{ border-color:rgb(97, 199, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 199, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 199, 141);  
box-shadow:4px 4px 4px 4px rgb(97, 199,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.484, 154.888 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, 141) }
```

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

```
.background{ background-color: rgb(97, 199,  
141) }
```

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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