

Converting Colors

CIELCh(73, 51.445, 141.424)

Have a look what the booklet for
CIELCh(73, 51.445, 141.424)
contains.

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Color

CIELCh(73, 51.592, 141.414)

Conversions

Conversions Part 1

Format	Color
Hex	76C576
RGB	118, 197, 118
RGB Percent	46%, 77%, 46%
CMY	0.5367, 0.2269, 0.5368
CMYK	0.40, 0.00, 0.40, 0.23
HSL	120°, 41%, 62%
HSV	120°, 40%, 77%
XYZ	30.7625, 45.1644, 24.2739
YIQ	164.3730, -21.7250, -41.3170

Conversions

Conversions Part 2

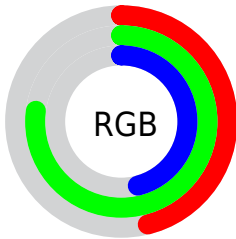
Format	Color
RYB	118, 197, 197
Decimal	7783798
CIELab	73.00, -40.33, 32.18
CIELCh	73, 51.592, 141.414
Yxy	45.1644, 0.3070, 0.4507
Android (android.graphics.Color)	4285973878 (0xFF76C576)
YUV	164.3730, -22.8619, -40.6691
Hunter-Lab	67.2044, -35.9003, 25.6278

Details

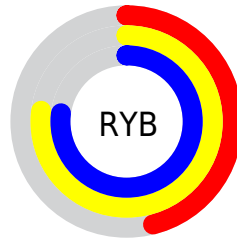
The CIELCh color **73, 51.592, 141.414** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **61, 51.491, 326.566**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 51.555, 141.519**, and **53, 51.855, 141.227** is the 20% darker color. If you saturate the color by 10%, you get **72, 63.559, 140.368**, and if you desaturate by 10%, it is **74, 38.979, 142.349**.

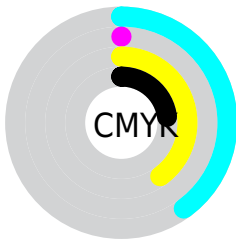
Distribution



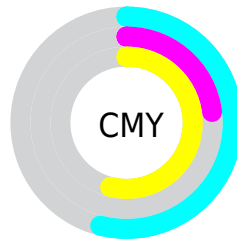
- Red (46%)
- Green (77%)
- Blue (46%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 51.592, 141.414 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, 51.592, 141.414 by changing the saturation by 10% instead.


 73, 51.592,
141.414


 73, 51.592,
141.414


 100, 51.592,
141.414


 63, 51.592,
141.414


 93, 51.592,
141.414

 53, 51.592,
141.414

 43, 51.592,
141.414

 33, 51.592,
141.414

 23, 51.592,
141.414

 13, 51.592,
141.414

 3, 51.592, 141.414

0, 51.592, 141.414

73, 51.592,
141.414

73, 51.592,
141.414

72, 63.559,
140.368

74, 38.979,
142.349

71, 74.479,
139.245

76, 26.037,
143.163

70, 83.879,
138.126

78, 13.014,
143.866

70, 91.238,
137.134

80, 0.094, 147.153

70, 96.106,
136.417

82, 12.594,
324.913

69, 98.681,
136.016

84, 24.963,
325.343

■ 86, 36.292,
325.686

Harmonies

Complementary

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



73, 51.592, 141.414



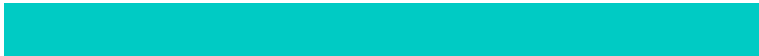
61, 51.491, 326.566

Rectangle

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



73, 51.592, 141.414



73, 51.592, 191.414



73, 51.592, 321.414



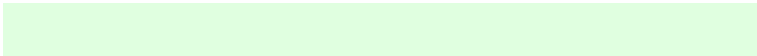
73, 51.592, 11.414

Sweetspot

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



73, 51.593, 141.414



97, 19.117, 143.726



78, 40.631, 105.614



52, 12.690, 143.636



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, 51.593, 141.414



91, 75.255, 140.514



74, 35.898, 158.859



41, 7.371, 143.912



58, 85.775, 136.016



11, 26.596, 143.590

Inverse Universe

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



61, 51.491, 326.566



73, 74.897, 326.971



59, 37.473, 346.647



39, 7.382, 324.930



39, 82.760, 328.230



4, 26.741, 327.023

Previews

White Background



This preview shows how the CIELCh color 73, 51.592, 141.414 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, 51.592, 141.414 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, 51.592, 141.414

Background



This preview shows how black text looks on a background with the CIELCh color 73, 51.592, 141.414.

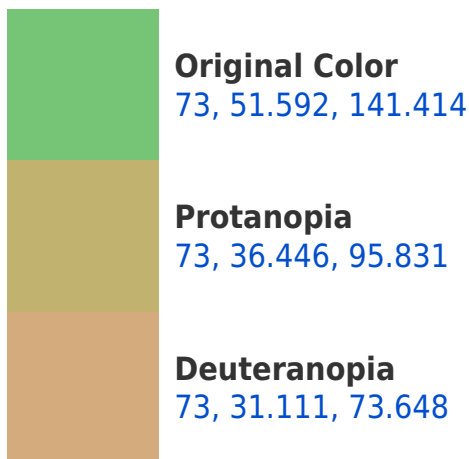


This preview shows how white text looks on a background with the CIELCh color 73, 51.592, 141.414.

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



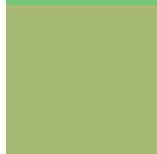


Tritanopia
73, 18.637, 224.354

Trichromacy



Original Color
73, 51.592, 141.414



Protanomaly
72, 38.462, 118.265



Deuteranomaly
72, 31.552, 109.319



Tritanomaly
73, 24.571, 171.195

Monochromacy



Original Color
73, 51.592, 141.414



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 19.440, 143.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 51.592, 141.414 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, 118)` looks like.

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

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, 118) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 73, 51.592, 141.414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

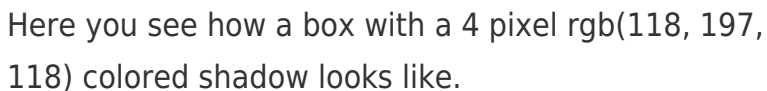
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 197, 118) }
```

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

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

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, 118)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 73, 51.592, 141.414 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, 118) }
```

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

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

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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