

Converting Colors

CIELCh(73, 52.577, 137.169)

Have a look what the booklet for
CIELCh(73, 52.577, 137.169)
contains.

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Color

CIELCh(73, 52.487, 136.977)

Conversions

Conversions Part 1

Format	Color
Hex	7EC46F
RGB	126, 196, 111
RGB Percent	49%, 77%, 44%
CMY	0.5052, 0.2306, 0.5640
CMYK	0.36, 0.00, 0.43, 0.23
HSL	109°, 42%, 60%
HSV	109°, 43%, 77%
XYZ	31.2913, 45.1644, 22.1564
YIQ	165.3800, -14.4350, -41.2750

Conversions

Conversions Part 2

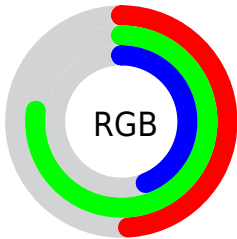
Format	Color
RYB	111, 196, 181
Decimal	8307823
CIELab	73.00, -38.37, 35.81
CIElCh	73, 52.487, 136.977
Yxy	45.1644, 0.3173, 0.4580
Android (android.graphics.Color)	4286497903 (0xFF7EC46F)
YUV	165.3800, -26.8093, -34.5363
Hunter-Lab	67.2044, -34.4957, 27.4960

Details

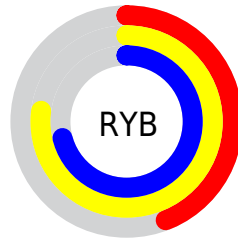
The CIELCh color **73, 52.487, 136.977** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **57, 53.282, 321.402**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 52.427, 137.118**, and **53, 52.794, 137.033** is the 20% darker color. If you saturate the color by 10%, you get **72, 63.770, 136.261**, and if you desaturate by 10%, it is **74, 40.636, 137.669**.

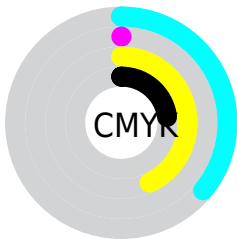
Distribution



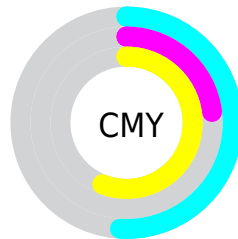
- Red (49%)
- Green (77%)
- Blue (44%)



- Red (44%)
- Yellow (77%)
- Blue (71%)



- Cyan (36%)
- Magenta (0%)
- Yellow (43%)
- Black (23%)





- Cyan (51%)
- Magenta (23%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 52.487, 136.977 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, 52.487, 136.977 by changing the saturation by 10% instead.


 73, 52.487,
136.977


 73, 52.487,
136.977


 100, 52.487,
136.977


 63, 52.487,
136.977


 93, 52.487,
136.977

 53, 52.487,
136.977

 43, 52.487,
136.977

 33, 52.487,
136.977

 23, 52.487,
136.977

 13, 52.487,
136.977

 3, 52.487, 136.977

0, 52.487, 136.977

73, 52.487,
136.977

73, 52.487,
136.977

72, 63.770,
136.261

74, 40.636,
137.669

71, 74.124,
135.578

76, 28.485,
138.305

70, 83.090,
135.024

77, 16.234,
138.876

70, 90.148,
134.725

79, 4.030, 139.411

70, 94.867,
134.794

80, 8.021, 319.760

82, 19.848,
320.143

69, 96.917,
134.950

84, 31.402,

320.461

86, 36.886,
325.706

Harmonies

Complementary

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



73, 52.487, 136.977



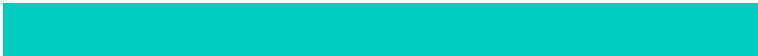
57, 53.282, 321.402

Rectangle

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



73, 52.487, 136.977



73, 52.487, 186.977



73, 52.487, 316.977



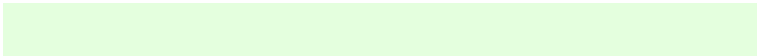
73, 52.487, 6.977

Sweetspot

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



73, 52.488, 136.978



97, 19.580, 138.883



73, 37.557, 96.360



52, 13.714, 138.761



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, 52.488, 136.978



91, 76.989, 136.298



73, 44.066, 151.063



40, 6.819, 139.087



58, 83.430, 134.822



10, 23.160, 140.657

Inverse Universe

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



57, 53.282, 321.402



68, 78.215, 321.733



58, 44.627, 338.323



38, 6.853, 319.908



33, 83.069, 321.602



3, 22.203, 318.510

Previews

White Background



This preview shows how the CIELCh color 73, 52.487, 136.977 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, 52.487, 136.977 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, 52.487, 136.977

Background



This preview shows how black text looks on a background with the CIELCh color 73, 52.487, 136.977.

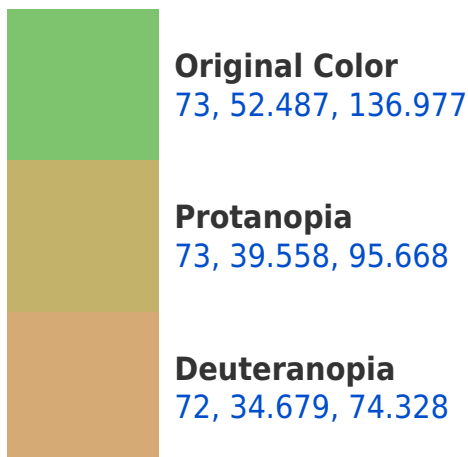


This preview shows how white text looks on a background with the CIELCh color 73, 52.487, 136.977.

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, 16.538, 228.129

Trichromacy



Original Color
73, 52.487, 136.977



Protanomaly
72, 41.624, 114.826



Deuteranomaly
72, 34.669, 105.351



Tritanomaly
73, 22.960, 166.243

Monochromacy



Original Color
73, 52.487, 136.977



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 19.535, 138.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 52.487, 136.977 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(126, 196, 111)` looks like.

```
.text, #text, p{  
    color:rgb(126, 196, 111)  
}
```

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(126, 196, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 196, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 52.487, 136.977 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(126, 196, 111) }
```

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

```
.border{ border-color:rgb(126, 196, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 196, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 196, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 196, 111); box-shadow:4px 4px 4px 4px rgb(126, 196, 111) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 52.487, 136.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 196, 111) }
```

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

```
.background{ background-color: rgb(126,  
196, 111) }
```

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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