

Converting Colors

CIELCh(73, 61.537, 147.398)

Have a look what the booklet for
CIELCh(73, 61.537, 147.398)
contains.

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Color

CIELCh(73, 61.725, 147.506)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53CA74 |
| RGB | 83, 202, 116 |
| RGB Percent | 33%, 79%, 45% |
| CMY | 0.6759, 0.2091, 0.5463 |
| CMYK | 0.59, 0.00, 0.43, 0.21 |
| HSL | 137°, 53%, 56% |
| HSV | 137°, 59%, 79% |
| XYZ | 27.7147, 45.1644, 23.6890 |
| YIQ | 156.6150, -43.3180, -51.9740 |

Conversions

Conversions Part 2

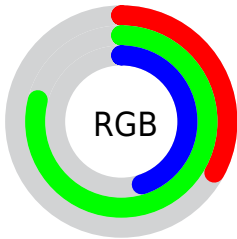
| Format | Color |
|-------------------------------------|--|
| RYB | 83, 176, 202 |
| Decimal | 5491316 |
| CIELab | 73.00, -52.06, 33.16 |
| CIELCh | 73, 61.725, 147.506 |
| Yxy | 45.1644, 0.2870, 0.4677 |
| Android (android.graphics.Color) | 4283681396 (0xFF53CA74) |
| YUV | 156.6150, -20.0232, -64.5604 |
| Hunter-Lab | 67.2044, -43.9955, 26.1439 |

Details

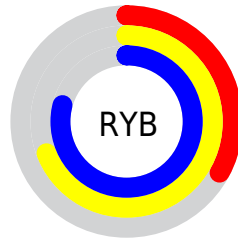
The CIELCh color **73, 61.725, 147.506** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **53, 61.509, 337.988**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 59.086, 148.001**, and **53, 61.549, 147.168** is the 20% darker color. If you saturate the color by 10%, you get **72, 70.444, 145.954**, and if you desaturate by 10%, it is **74, 52.173, 148.877**.

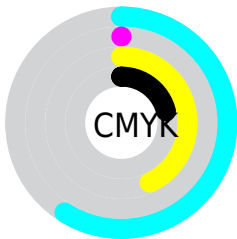
Distribution



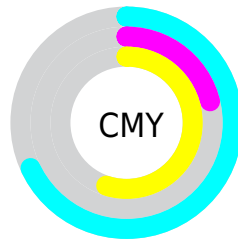
- Red (33%)
- Green (79%)
- Blue (45%)



- Red (33%)
- Yellow (69%)
- Blue (79%)



- Cyan (59%)
- Magenta (0%)
- Yellow (43%)
- Black (21%)





- Cyan (68%)
- Magenta (21%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 61.725, 147.506 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, 61.725, 147.506 by changing the saturation by 10% instead.


 73, 61.725,
147.506


 73, 61.725,
147.506


 100, 61.725,
147.506


 63, 61.725,
147.506


 93, 61.725,
147.506

 53, 61.725,
147.506

 43, 61.725,
147.506

 33, 61.725,
147.506

 23, 61.725,
147.506

 13, 61.725,
147.506

 3, 61.725, 147.506

0, 61.725, 147.506

73, 61.725,
147.506

73, 61.725,
147.506

72, 70.444,
145.954

74, 52.173,
148.877

72, 78.141,
144.234

75, 41.997,
150.074

71, 84.672,
142.387

76, 31.408,
151.114

71, 90.006,
140.533

78, 20.599,
152.019

71, 90.481,
140.369

80, 9.733, 152.817

81, 1.058, 333.149

83, 11.677,

334.034

■ 86, 22.055,
334.576

■ 87, 30.102,
330.237

Harmonies

Complementary

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



73, 61.725, 147.506



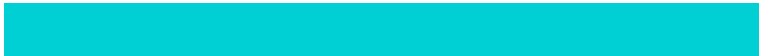
53, 61.509, 337.988

Rectangle

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



73, 61.725, 147.506



73, 61.725, 197.506



73, 61.725, 327.506



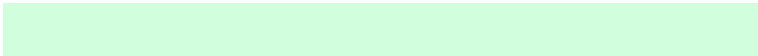
73, 61.725, 17.506

Sweetspot

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



73, 61.726, 147.506



96, 23.579, 152.084



77, 61.436, 117.201



51, 16.390, 151.832



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, 61.726, 147.506



89, 86.914, 145.462



74, 40.244, 174.406



42, 6.179, 152.788



59, 77.689, 140.656



12, 24.931, 148.090

Inverse Universe

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



53, 61.509, 337.988



62, 84.525, 339.346



52, 50.508, 9.832



40, 6.207, 333.994



37, 67.943, 343.117



5, 23.141, 339.467

Previews

White Background



This preview shows how the CIELCh color 73, 61.725, 147.506 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, 61.725, 147.506 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, 61.725, 147.506

Background



This preview shows how black text looks on a background with the CIELCh color 73, 61.725, 147.506.

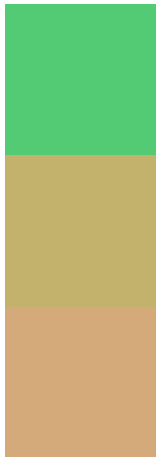


This preview shows how white text looks on a background with the CIELCh color 73, 61.725, 147.506.

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, 61.725, 147.506

Protanopia
73, 38.555, 95.517

Deuteranopia
72, 31.409, 72.993



Tritanopia
73, 26.334, 217.103

Trichromacy



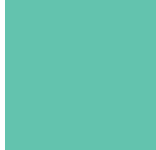
Original Color
73, 61.725, 147.506



Protanomaly
72, 42.919, 124.530



Deuteranomaly
71, 33.848, 118.791

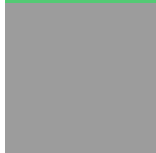


Tritanomaly
73, 33.541, 176.858

Monochromacy



Original Color
73, 61.725, 147.506



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 24.406, 151.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 61.725, 147.506 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(83, 202, 116)` looks like.

```
.text, #text, p{  
    color:rgb(83, 202, 116)  
}
```

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(83, 202, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 202, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 61.725, 147.506 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(83, 202, 116) }
```

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

```
.border{ border-color:rgb(83, 202, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 202, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 202, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 202, 116);  
box-shadow:4px 4px 4px 4px rgb(83, 202,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 61.725, 147.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 202, 116) }
```

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

```
.background{ background-color: rgb(83, 202,  
116) }
```

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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