

Converting Colors

CIELCh(74, 63.672, 147.443)

Have a look what the booklet for
CIELCh(74, 63.672, 147.443)
contains.

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Color

CIELCh(74, 63.672, 147.443)

Conversions

Conversions Part 1

Format	Color
Hex	51CD74
RGB	81, 205, 116
RGB Percent	32%, 80%, 45%
CMY	0.6821, 0.1958, 0.5449
CMYK	0.60, 0.00, 0.43, 0.20
HSL	137°, 55%, 56%
HSV	137°, 60%, 80%
XYZ	28.3988, 46.7039, 24.0567
YIQ	157.7780, -45.3350, -53.9670

Conversions

Conversions Part 2

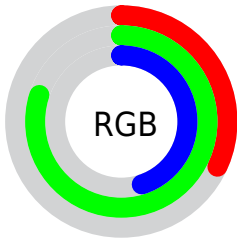
Format	Color
RYB	81, 178, 205
Decimal	5361012
CIELab	74.00, -53.67, 34.26
CIELCh	74, 63.672, 147.443
Yxy	46.7039, 0.2864, 0.4710
Android (android.graphics.Color)	4283551092 (0xFF51CD74)
YUV	157.7780, -20.5966, -67.3343
Hunter-Lab	68.3403, -45.4199, 26.9673

Details

The CIELCh color **74, 63.672, 147.443** 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 **54, 63.359, 338.351**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 59.281, 148.187**, and **54, 63.056, 146.725** is the 20% darker color. If you saturate the color by 10%, you get **73, 72.336, 145.858**, and if you desaturate by 10%, it is **75, 54.138, 148.846**.

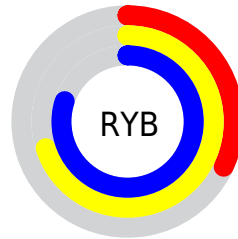
Distribution



Red (32%)

Green (80%)

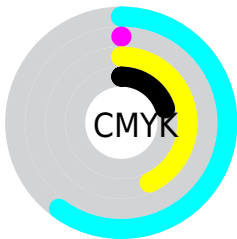
Blue (45%)



Red (32%)

Yellow (70%)

Blue (80%)

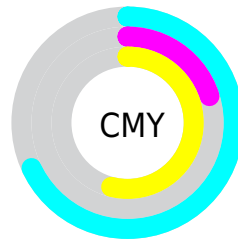


Cyan (60%)

Magenta (0%)

Yellow (43%)

Black (20%)



Cyan (68%)


Magenta (20%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 63.672, 147.443 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 74, 63.672, 147.443 by changing the saturation by 10% instead.

 74, 63.672,
147.443

 74, 63.672,
147.443

 100, 63.672,
147.443


 64, 63.672,
147.443


 94, 63.672,
147.443

 54, 63.672,
147.443

 44, 63.672,
147.443

 34, 63.672,
147.443

 24, 63.672,
147.443

 14, 63.672,
147.443

 4, 63.672, 147.443

0, 63.672, 147.443

74, 63.672,
147.443

74, 63.672,
147.443

73, 72.336,
145.858

75, 54.138,
148.846

73, 79.945,
144.107

76, 43.941,
150.072

72, 86.366,
142.235

77, 33.295,
151.137

72, 91.392,
140.474

79, 22.398,
152.063

80, 11.421,
152.878

82, 0.501, 154.223

■ 84, 10.258,
334.126

■ 87, 20.783,
334.683

■ 88, 28.662,
329.353

Harmonies

Complementary

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



74, 63.672, 147.443



54, 63.359, 338.351

Rectangle

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



74, 63.672, 147.443



74, 63.672, 197.443



74, 63.672, 327.443



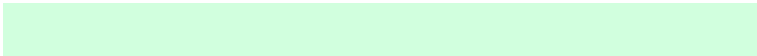
74, 63.672, 17.443

Sweetspot

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



74, 63.673, 147.443



96, 23.500, 152.254



78, 63.571, 117.149



51, 16.336, 152.002



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 63.673, 147.443



89, 88.501, 145.270



75, 41.526, 174.198



42, 6.158, 152.961



59, 77.457, 140.785



12, 24.870, 148.190

Inverse Universe

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



54, 63.359, 338.351



61, 85.654, 339.819



52, 52.404, 10.246



40, 6.187, 334.172



37, 67.743, 343.430



4, 23.058, 339.722

Previews

White Background



This preview shows how the CIELCh color 74, 63.672, 147.443 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 74, 63.672, 147.443 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 74, 63.672, 147.443

Background



This preview shows how black text looks on a background with the CIELCh color 74, 63.672, 147.443.

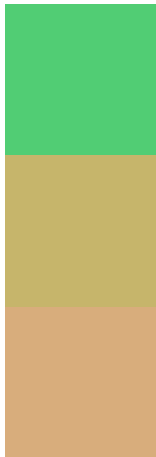


This preview shows how white text looks on a background with the CIELCh color 74, 63.672, 147.443.

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

74, 63.672, 147.443

Protanopia

74, 39.959, 95.819

Deuteranopia

74, 32.462, 73.351



Tritanopia
74, 27.017, 216.506

Trichromacy



Original Color
74, 63.672, 147.443



Protanomaly
73, 44.516, 124.822



Deuteranomaly
72, 34.861, 119.048



Tritanomaly
74, 34.706, 176.595

Monochromacy



Original Color
74, 63.672, 147.443



Achromatopsia
65, 0.008, 296.813



Achromatomaly
68, 24.605, 151.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 63.672, 147.443 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(81, 205, 116)` looks like.

```
.text, #text, p{  
    color:rgb(81, 205, 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(81, 205, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 205, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 63.672, 147.443 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(81, 205, 116) }
```

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

```
.border{ border-color:rgb(81, 205, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 205, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 205, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 205, 116);  
box-shadow:4px 4px 4px 4px rgb(81, 205,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 63.672, 147.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 205, 116) }
```

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

```
.background{ background-color: rgb(81, 205,  
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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