

Converting Colors

CIELCh(72, 68.678, 133.660)

Have a look what the booklet for
CIELCh(72, 68.678, 133.660)
contains.

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Color

CIELCh(72, 68.653, 133.674)

Conversions

Conversions Part 1

Format	Color
Hex	6FC550
RGB	111, 197, 80
RGB Percent	44%, 77%, 31%
CMY	0.5664, 0.2291, 0.6879
CMYK	0.44, 0.00, 0.60, 0.23
HSL	104°, 50%, 54%
HSV	104°, 60%, 77%
XYZ	27.8008, 43.6590, 14.4727
YIQ	157.9480, -13.6990, -54.6190

Conversions

Conversions Part 2

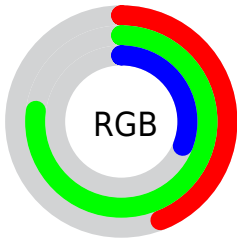
Format	Color
RYB	80, 197, 166
Decimal	7325008
CIELab	72.00, -47.41, 49.66
CIElCh	72, 68.653, 133.674
Yxy	43.6590, 0.3235, 0.5081
Android (android.graphics.Color)	4285515088 (0xFF6FC550)
YUV	157.9480, -38.4284, -41.1734
Hunter-Lab	66.0750, -40.5281, 33.2660

Details

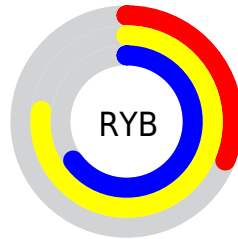
The CIELCh color **72, 68.653, 133.674** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **49, 70.943, 319.176**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 68.400, 133.600**, and **52, 68.535, 133.602** is the 20% darker color. If you saturate the color by 10%, you get **71, 78.126, 133.250**, and if you desaturate by 10%, it is **73, 58.075, 134.225**.

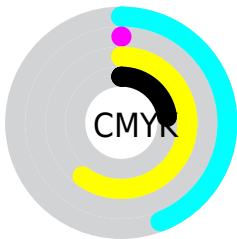
Distribution



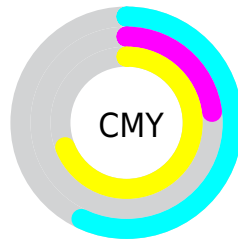
- Red (44%)
- Green (77%)
- Blue (31%)



- Red (31%)
- Yellow (77%)
- Blue (65%)



- Cyan (44%)
- Magenta (0%)
- Yellow (60%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 68.653, 133.674 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 72, 68.653, 133.674 by changing the saturation by 10% instead.

 72, 68.653,
133.674

 72, 68.653,
133.674

 100, 68.653,
133.674


 62, 68.653,
133.674


 92, 68.653,
133.674

 52, 68.653,
133.674

 42, 68.653,
133.674

 32, 68.653,
133.674

 22, 68.653,
133.674

 12, 68.653,
133.674

 2, 68.653, 133.674

0, 68.653, 133.674

72, 68.653,
133.674

72, 68.653,
133.674

71, 78.126,
133.250

73, 58.075,
134.225

71, 86.000,
133.069

74, 46.789,
134.817

70, 91.791,
133.256

75, 35.091,
135.399

70, 95.470,
133.783

76, 23.198,
135.943

70, 95.630,
133.804

78, 11.266,
136.442

79, 0.591, 316.542

■ 81, 12.294,
317.225

■ 83, 23.789,
317.563

■ 85, 34.339,
318.423

Harmonies

Complementary

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



72, 68.653, 133.674



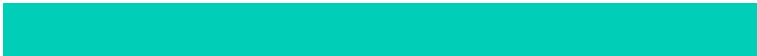
49, 70.943, 319.176

Rectangle

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



72, 68.653, 133.674



72, 68.653, 183.674



72, 68.653, 313.674



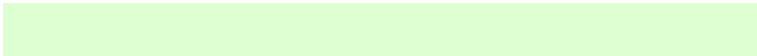
72, 68.653, 3.674

Sweetspot

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



72, 68.654, 133.675



97, 26.436, 136.007



69, 47.875, 88.480



51, 18.379, 135.852



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 68.654, 133.675



90, 97.729, 133.174



71, 63.001, 145.910



41, 6.785, 136.447



59, 83.136, 133.645



11, 24.700, 138.233

Inverse Universe

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



49, 70.943, 319.176



57, 101.068, 319.342



52, 62.439, 335.985



39, 6.833, 317.218



31, 85.178, 318.583



3, 23.839, 315.500

Previews

White Background



This preview shows how the CIELCh color 72, 68.653, 133.674 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 72, 68.653, 133.674 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 72, 68.653, 133.674

Background



This preview shows how black text looks on a background with the CIELCh color 72, 68.653, 133.674.

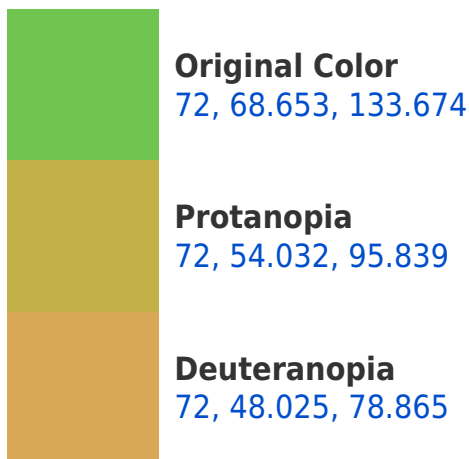


This preview shows how white text looks on a background with the CIELCh color 72, 68.653, 133.674.

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
72, 18.657, 224.400

Trichromacy



Original Color
72, 68.653, 133.674

Protanomaly
71, 55.994, 113.138

Deuteranomaly
71, 48.622, 105.304

Tritanomaly
72, 29.746, 160.002

Monochromacy



Original Color
72, 68.653, 133.674

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 26.565, 135.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 68.653, 133.674 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(111, 197, 80)` looks like.

```
.text, #text, p{  
    color:rgb(111, 197, 80)  
}
```

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(111, 197, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 197, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 68.653, 133.674 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(111, 197, 80) }
```

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

```
.border{ border-color:rgb(111, 197, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 197, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 197, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 197, 80);  
box-shadow:4px 4px 4px 4px rgb(111, 197,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 68.653, 133.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 197, 80) }
```

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

```
.background{ background-color: rgb(111,  
197, 80) }
```

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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