

Converting Colors

CIELCh(72, 39.767, 122.589)

Have a look what the booklet for
CIELCh(72, 39.767, 122.589)
contains.

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Color

CIELCh(72, 39.767, 122.589)

Conversions

Conversions Part 1

Format	Color
Hex	9FBA72
RGB	159, 186, 114
RGB Percent	62%, 73%, 45%
CMY	0.3768, 0.2709, 0.5532
CMYK	0.15, 0.00, 0.39, 0.27
HSL	83°, 34%, 59%
HSV	83°, 39%, 73%
XYZ	34.8564, 43.6590, 22.4866
YIQ	169.7190, 7.0200, -28.1160

Conversions

Conversions Part 2

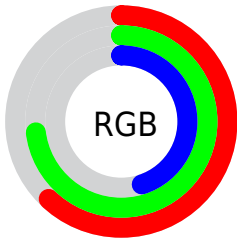
Format	Color
RYB	114, 186, 141
Decimal	10467954
CIELab	72.00, -21.42, 33.51
CIELCh	72, 39.767, 122.589
Yxy	43.6590, 0.3451, 0.4323
Android (android.graphics.Color)	4288658034 (0xFF9FBA72)
YUV	169.7190, -27.4695, -9.4006
Hunter-Lab	66.0750, -21.4675, 26.0750

Details

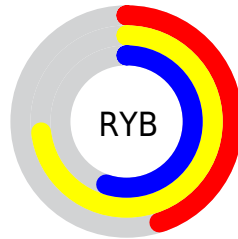
The CIELCh color **72, 39.767, 122.589** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53, 42.712, 306.957**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 39.501, 122.374**, and **52, 40.145, 122.693** is the 20% darker color. If you saturate the color by 10%, you get **71, 49.498, 122.126**, and if you desaturate by 10%, it is **73, 29.687, 123.106**.

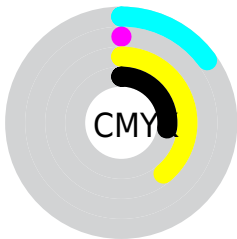
Distribution



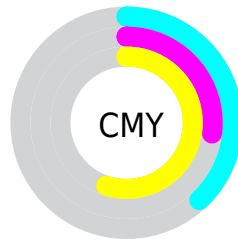
- Red (62%)
- Green (73%)
- Blue (45%)



- Red (45%)
- Yellow (73%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (39%)
- Black (27%)





- Cyan (38%)
- Magenta (27%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.767, 122.589 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, 39.767, 122.589 by changing the saturation by 10% instead.


 72, 39.767,
122.589

 72, 39.767,
122.589


 100, 39.767,
122.589


 62, 39.767,
122.589


 92, 39.767,
122.589

 52, 39.767,
122.589

 42, 39.767,
122.589

 32, 39.767,
122.589

 22, 39.767,
122.589

 12, 39.767,
122.589

 2, 39.767, 122.589

■ 0, 39.767, 122.589

■ 72, 39.767,
122.589

■ 72, 39.767,
122.589

■ 71, 49.498,
122.126

■ 73, 29.687,
123.106

■ 71, 58.644,
121.765

■ 74, 19.410,
123.636

■ 70, 66.878,
121.589

■ 75, 9.046, 124.161

■ 76, 1.332, 304.599

■ 70, 73.772,
121.705

■ 77, 11.671,
305.117

■ 69, 78.891,
122.231

■ 78, 21.933,
305.558

■ 69, 82.184,
123.186

■ 79, 32.092,

■ 69, 82.566,
123.310

305.963

■ 80, 38.217,
307.592

■ 81, 38.812,
310.974

Harmonies

Complementary

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



72, 39.767, 122.589



53, 42.712, 306.957

Rectangle

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



72, 39.767, 122.589



72, 39.767, 172.589



72, 39.767, 302.589



72, 39.767, 352.589

Sweetspot

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



72, 39.768, 122.591



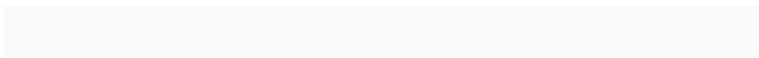
94, 15.431, 123.980



62, 24.958, 56.506



50, 10.318, 123.911



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 39.768, 122.591



91, 58.088, 122.211



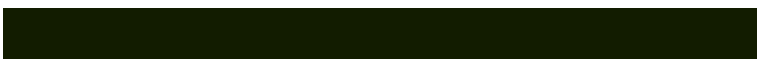
70, 45.677, 138.429



38, 5.815, 124.130



58, 72.250, 123.092



9, 16.354, 128.893

Inverse Universe

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



53, 42.712, 306.957



63, 63.510, 307.545



57, 46.117, 322.532



36, 5.913, 305.068



21, 88.392, 309.574



1, 15.698, 301.020

Previews

White Background



This preview shows how the CIELCh color 72, 39.767, 122.589 looks on a white background.

Color Contrast Check

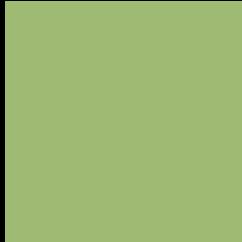
Large Text (above 18pt) WCAG AA × Fail

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, 39.767, 122.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

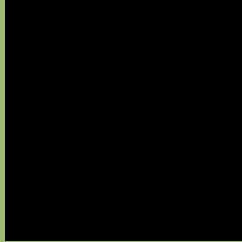
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 39.767, 122.589

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.767, 122.589.

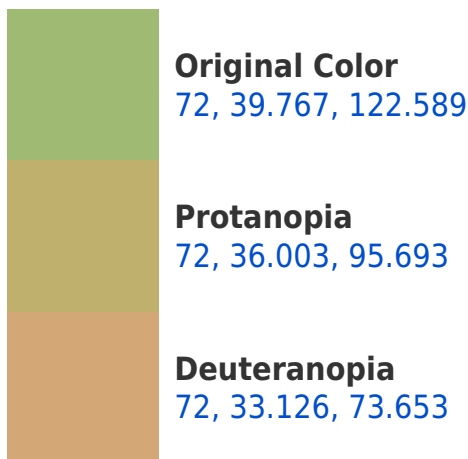


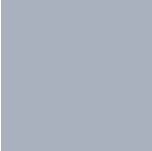
This preview shows how white text looks on a background with the CIELCh color 72, 39.767, 122.589.

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, 8.085, 270.193

Trichromacy



Original Color
72, 39.767, 122.589

Protanomaly
72, 36.712, 106.532

Deuteranomaly
72, 32.041, 94.061

Tritanomaly
72, 10.896, 140.763

Monochromacy



Original Color
72, 39.767, 122.589

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 14.678, 124.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.767, 122.589 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(159, 186, 114)` looks like.

```
.text, #text, p{  
    color:rgb(159, 186, 114)  
}
```

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(159, 186, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 186, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.767, 122.589 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(159, 186, 114) }
```

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

```
.border{ border-color:rgb(159, 186, 114) }
```

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

Here you see how a box with a 4 pixel rgb(159, 186, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 186, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 186, 114);  
box-shadow:4px 4px 4px 4px rgb(159, 186,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.767, 122.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 186, 114) }
```

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

```
.background{ background-color: rgb(159,  
186, 114) }
```

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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