

Converting Colors

CIELCh(72, 57.183, 123.583)

Have a look what the booklet for
CIELCh(72, 57.183, 123.583)
contains.

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Color

CIELCh(72, 57.154, 123.592)

Conversions

Conversions Part 1

Format	Color
Hex	92BE55
RGB	146, 190, 85
RGB Percent	57%, 75%, 33%
CMY	0.4270, 0.2544, 0.6662
CMYK	0.23, 0.00, 0.55, 0.25
HSL	85°, 45%, 54%
HSV	85°, 55%, 75%
XYZ	31.9594, 43.6590, 15.3606
YIQ	164.8740, 7.4810, -41.9830

Conversions

Conversions Part 2

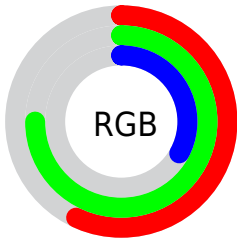
Format	Color
RYB	85, 190, 129
Decimal	9616981
CIELab	72.00, -31.62, 47.61
CIELCh	72, 57.154, 123.592
Yxy	43.6590, 0.3513, 0.4799
Android (android.graphics.Color)	4287807061 (0xFF92BE55)
YUV	164.8740, -39.3779, -16.5525
Hunter-Lab	66.0750, -29.2935, 32.4692

Details

The CIELCh color **72, 57.154, 123.592** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **46, 63.164, 309.451**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 57.234, 123.763**, and **52, 56.901, 123.666** is the 20% darker color. If you saturate the color by 10%, you get **71, 66.031, 123.357**, and if you desaturate by 10%, it is **73, 47.480, 123.983**.

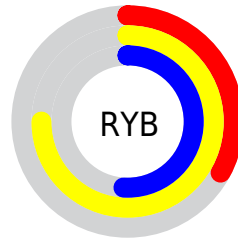
Distribution



Red (57%)

Green (75%)

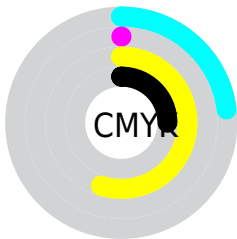
Blue (33%)



Red (33%)

Yellow (75%)

Blue (51%)

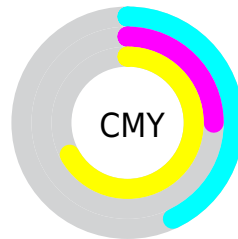


Cyan (23%)

Magenta (0%)

Yellow (55%)

Black (25%)



Cyan (43%)


Magenta (25%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 57.154, 123.592 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, 57.154, 123.592 by changing the saturation by 10% instead.


 72, 57.154,
123.592


 72, 57.154,
123.592


 100, 57.154,
123.592


 62, 57.154,
123.592


 92, 57.154,
123.592

 52, 57.154,
123.592

 42, 57.154,
123.592

 32, 57.154,
123.592

 22, 57.154,
123.592

 12, 57.154,
123.592

 2, 57.154, 123.592

■ 0, 57.154, 123.592

■ 72, 57.154,
123.592

■ 72, 57.154,
123.592

■ 71, 66.031,
123.357

■ 73, 47.480,
123.983

■ 71, 73.702,
123.377

■ 74, 37.305,
124.453

■ 70, 79.709,
123.773

■ 74, 26.841,
124.957

■ 70, 83.717,
124.647

■ 75, 16.228,
125.463

■ 70, 85.202,
125.143

■ 76, 5.565, 125.962

■ 78, 5.080, 306.391

■ 79, 15.657,

306.833

■ 80, 26.133,
307.231

■ 81, 35.858,
307.840

Harmonies

Complementary

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



72, 57.154, 123.592



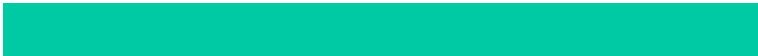
46, 63.164, 309.451

Rectangle

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



72, 57.154, 123.592



72, 57.154, 173.592



72, 57.154, 303.592



72, 57.154, 353.592

Sweetspot

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



72, 57.155, 123.593



95, 22.426, 125.360



59, 38.152, 60.277



51, 15.119, 125.258



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 57.155, 123.593



90, 82.305, 123.338



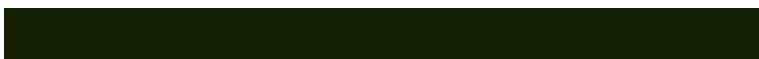
69, 65.880, 138.201



39, 5.999, 125.757



59, 74.188, 124.915



10, 18.663, 130.229

Inverse Universe

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



46, 63.164, 309.451



52, 93.311, 310.130



52, 65.997, 324.688



37, 6.093, 306.639



22, 88.682, 310.345



2, 17.871, 302.341

Previews

White Background



This preview shows how the CIELCh color 72, 57.154, 123.592 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, 57.154, 123.592 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, 57.154, 123.592

Background



This preview shows how black text looks on a background with the CIELCh color 72, 57.154, 123.592.



This preview shows how white text looks on a background with the CIELCh color 72, 57.154, 123.592.

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
72, 57.154, 123.592

Protanopia
72, 50.424, 95.617

Deuteranopia
72, 46.841, 78.969



Tritanopia
72, 9.994, 248.987

Trichromacy



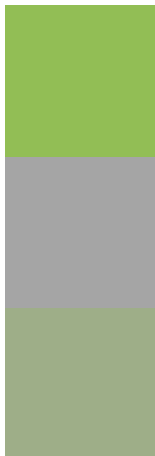
Original Color
72, 57.154, 123.592

Protanomaly
72, 51.372, 107.029

Deuteranomaly
71, 46.346, 97.429

Tritanomaly
72, 19.099, 142.604

Monochromacy



Original Color
72, 57.154, 123.592

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 21.643, 125.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 57.154, 123.592 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(146, 190, 85)` looks like.

```
.text, #text, p{  
    color:rgb(146, 190, 85)  
}
```

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(146, 190, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 190, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 57.154, 123.592 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(146, 190, 85) }
```

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

```
.border{ border-color:rgb(146, 190, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 190, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 190, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 190, 85);  
box-shadow:4px 4px 4px 4px rgb(146, 190,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 57.154, 123.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 190, 85) }
```

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

```
.background{ background-color: rgb(146,  
190, 85) }
```

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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