

Converting Colors

CIELCh(72, 66.021, 120.839)

Have a look what the booklet for
CIELCh(72, 66.021, 120.839)
contains.

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Color

CIELCh(72, 66.221, 120.759)

Conversions

Conversions Part 1

Format	Color
Hex	92BF40
RGB	146, 191, 64
RGB Percent	57%, 75%, 25%
CMY	0.4281, 0.2516, 0.7496
CMYK	0.24, 0.00, 0.67, 0.25
HSL	81°, 50%, 50%
HSV	81°, 67%, 75%
XYZ	31.3442, 43.6590, 11.6025
YIQ	163.0670, 13.9470, -49.0370

Conversions

Conversions Part 2

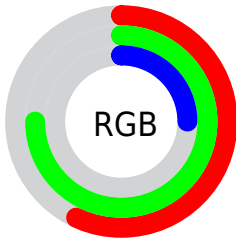
Format	Color
RYB	64, 191, 109
Decimal	9617216
CIELab	72.00, -33.87, 56.91
CIELCh	72, 66.221, 120.759
Yxy	43.6590, 0.3619, 0.5041
Android (android.graphics.Color)	4287807296 (0xFF92BF40)
YUV	163.0670, -48.8400, -14.9678
Hunter-Lab	66.0750, -30.9555, 35.8414

Details

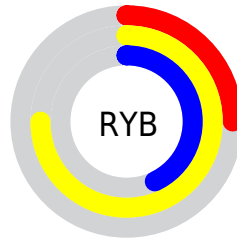
The CIELCh color **72, 66.221, 120.759** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **39, 76.396, 308.421**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 66.385, 120.776**, and **52, 64.960, 121.191** is the 20% darker color. If you saturate the color by 10%, you get **71, 73.519, 120.795**, and if you desaturate by 10%, it is **73, 57.646, 120.994**.

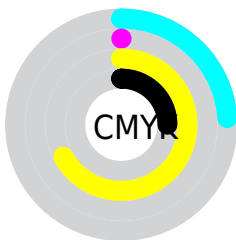
Distribution



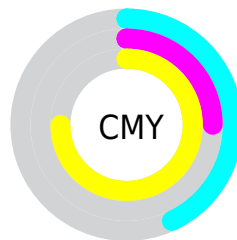
- Red (57%)
- Green (75%)
- Blue (25%)



- Red (25%)
- Yellow (75%)
- Blue (43%)



- Cyan (24%)
- Magenta (0%)
- Yellow (67%)
- Black (25%)





- Cyan (43%)
- Magenta (25%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 66.221, 120.759 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, 66.221, 120.759 by changing the saturation by 10% instead.


 72, 66.221,
120.759


 72, 66.221,
120.759


 100, 66.221,
120.759


 62, 66.221,
120.759


 92, 66.221,
120.759

 52, 66.221,
120.759

 42, 66.221,
120.759

 32, 66.221,
120.759

 22, 66.221,
120.759

 12, 66.221,
120.759

 2, 66.221, 120.759

0, 66.221, 120.759

72, 66.221,
120.759

72, 66.221,
120.759

71, 73.519,
120.795

73, 57.646,
120.994

71, 79.078,
121.213

73, 48.211,
121.393

71, 82.635,
122.094

74, 38.234,
121.884

70, 83.640,
122.436

75, 27.933,
122.418

76, 17.456,
122.963

77, 6.903, 123.501

■ 78, 3.655, 303.984

■ 79, 14.170,
304.477

■ 80, 24.605,
304.927

Harmonies

Complementary

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



72, 66.221, 120.759



39, 76.396, 308.421

Rectangle

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



72, 66.221, 120.759



72, 66.221, 170.759



72, 66.221, 300.759



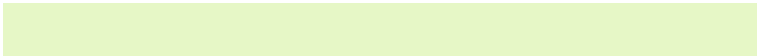
72, 66.221, 350.759

Sweetspot

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



72, 66.222, 120.761



95, 26.031, 122.757



54, 48.234, 53.134



51, 17.891, 122.602



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, 66.222, 120.761



90, 92.822, 120.937



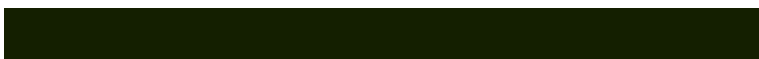
69, 76.013, 135.936



39, 5.926, 123.351



59, 72.644, 122.215



10, 18.285, 127.586

Inverse Universe

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



39, 76.396, 308.421



43, 111.144, 309.190



47, 76.627, 322.889



37, 6.029, 304.325



21, 89.826, 309.223



2, 17.747, 300.423

Previews

White Background



This preview shows how the CIELCh color 72, 66.221, 120.759 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, 66.221, 120.759 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, 66.221, 120.759

Background



This preview shows how black text looks on a background with the CIELCh color 72, 66.221, 120.759.



This preview shows how white text looks on a background with the CIELCh color 72, 66.221, 120.759.

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, 66.221, 120.759

Protanopia
72, 59.638, 95.202

Deuteranopia
72, 55.725, 80.179



Tritanopia
72, 9.996, 254.210

Trichromacy



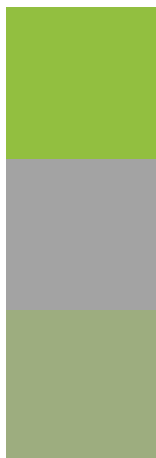
Original Color
72, 66.221, 120.759

Protanomaly
71, 60.381, 105.472

Deuteranomaly
71, 55.552, 97.284

Tritanomaly
71, 22.835, 136.557

Monochromacy



Original Color
72, 66.221, 120.759

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 25.799, 122.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 66.221, 120.759 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, 191, 64)` looks like.

```
.text, #text, p{  
    color:rgb(146, 191, 64)  
}
```

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, 191, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 191, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 66.221, 120.759 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, 191, 64) }
```

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

```
.border{ border-color:rgb(146, 191, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 191, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 191, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 191, 64);  
box-shadow:4px 4px 4px 4px rgb(146, 191,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 66.221, 120.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 191, 64) }
```

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

```
.background{ background-color: rgb(146,  
191, 64) }
```

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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