

Converting Colors

CIELCh(73, 75.412, 122.052)

Have a look what the booklet for
CIELCh(73, 75.412, 122.052)
contains.

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Color

CIELCh(73, 75.295, 121.948)

Conversions

Conversions Part 1

Format	Color
Hex	8BC42F
RGB	139, 196, 47
RGB Percent	55%, 77%, 18%
CMY	0.4550, 0.2314, 0.8157
CMYK	0.29, 0.00, 0.76, 0.23
HSL	83°, 61%, 48%
HSV	83°, 76%, 77%
XYZ	30.8933, 45.1644, 9.7766
YIQ	161.9710, 13.8570, -58.4230

Conversions

Conversions Part 2

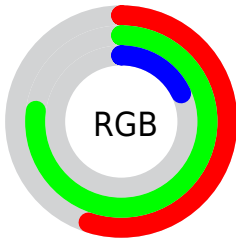
Format	Color
RYB	47, 196, 104
Decimal	9159727
CIELab	73.00, -39.84, 63.89
CIELCh	73, 75.295, 121.948
Yxy	45.1644, 0.3599, 0.5262
Android (android.graphics.Color)	4287349807 (0xFF8BC42F)
YUV	161.9710, -56.6807, -20.1456
Hunter-Lab	67.2044, -35.5529, 38.4179

Details

The CIELCh color **73, 75.295, 121.948** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **36, 88.163, 309.632**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 75.461, 122.029**, and **53, 68.417, 124.624** is the 20% darker color. If you saturate the color by 10%, you get **73, 81.145, 122.373**, and if you desaturate by 10%, it is **74, 67.689, 121.912**.

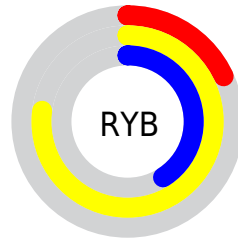
Distribution



Red (55%)

Green (77%)

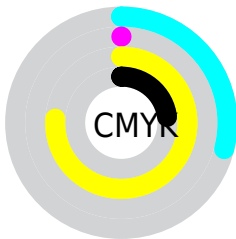
Blue (18%)



Red (18%)

Yellow (77%)

Blue (41%)

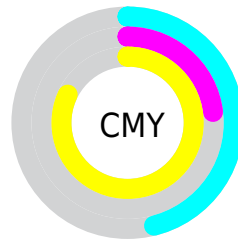


Cyan (29%)

Magenta (0%)

Yellow (76%)

Black (23%)



Cyan (46%)


Magenta (23%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 75.295, 121.948 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 73, 75.295, 121.948 by changing the saturation by 10% instead.

 73, 75.295,
121.948


 73, 75.295,
121.948


 100, 75.295,
121.948

 63, 75.295,
121.948


 93, 75.295,
121.948

 53, 75.295,
121.948

 43, 75.295,
121.948

 33, 75.295,
121.948

 23, 75.295,
121.948

 13, 75.295,
121.948

 3, 75.295, 121.948

■ 0, 75.295, 121.948

■ 73, 75.295,
121.948

■ 73, 75.295,
121.948

■ 73, 81.145,
122.373

■ 74, 67.689,
121.912

■ 72, 84.934,
123.273

■ 74, 58.798,
122.140

■ 72, 86.126,
123.687

■ 75, 49.049,
122.531

■ 76, 38.759,
123.012

■ 77, 28.150,
123.531

■ 77, 17.372,
124.059

■ 79, 6.527, 124.579

■ 80, 4.314, 305.038

■ 81, 15.100,
305.509

Harmonies

Complementary

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



73, 75.295, 121.948



36, 88.163, 309.632

Rectangle

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



73, 75.295, 121.948



73, 75.295, 171.948



73, 75.295, 301.948



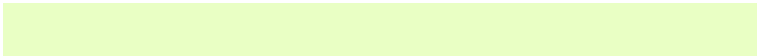
73, 75.295, 351.948

Sweetspot

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



73, 75.295, 121.949



97, 30.830, 123.672



53, 57.341, 53.971



51, 21.312, 123.478



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 75.295, 121.949



92, 102.167, 122.895



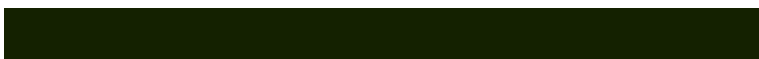
70, 85.961, 135.673



41, 6.089, 124.406



60, 74.187, 123.452



11, 20.257, 127.763

Inverse Universe

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



36, 88.163, 309.632



40, 123.404, 309.771



46, 85.898, 323.514



38, 6.191, 305.341



22, 90.408, 309.674



2, 19.888, 301.509

Previews

White Background



This preview shows how the CIELCh color 73, 75.295, 121.948 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 73, 75.295, 121.948 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 73, 75.295, 121.948

Background



This preview shows how black text looks on a background with the CIELCh color 73, 75.295, 121.948.

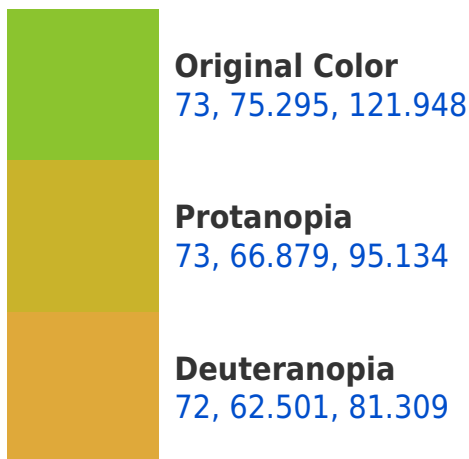


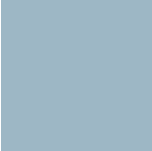
This preview shows how white text looks on a background with the CIELCh color 73, 75.295, 121.948.

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
73, 11.609, 239.974

Trichromacy



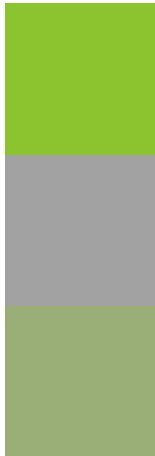
Original Color
73, 75.295, 121.948

Protanomaly
72, 67.978, 106.208

Deuteranomaly
72, 62.578, 98.675

Tritanomaly
72, 28.876, 138.314

Monochromacy



Original Color
73, 75.295, 121.948

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 30.327, 122.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 75.295, 121.948 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(139, 196, 47)` looks like.

```
.text, #text, p{  
    color:rgb(139, 196, 47)  
}
```

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(139, 196, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 196, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 75.295, 121.948 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(139, 196, 47) }
```

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

```
.border{ border-color:rgb(139, 196, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 196, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 196, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 196, 47);  
box-shadow:4px 4px 4px 4px rgb(139, 196,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 75.295, 121.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 196, 47) }
```

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

```
.background{ background-color: rgb(139,  
196, 47) }
```

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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