

Converting Colors

CIELCh(77, 72.735, 123.243)

Have a look what the booklet for
CIELCh(77, 72.735, 123.243)
contains.

CIELCh(77, 72.694, 123.147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 72.694, 123.147)

Conversions

Conversions Part 1

Format	Color
Hex	95CF43
RGB	149, 207, 67
RGB Percent	58%, 81%, 26%
CMY	0.4149, 0.1875, 0.7365
CMYK	0.28, 0.00, 0.68, 0.19
HSL	85°, 59%, 54%
HSV	85°, 68%, 81%
XYZ	35.8064, 51.5317, 13.3993
YIQ	173.6980, 10.3720, -55.8360

Conversions

Conversions Part 2

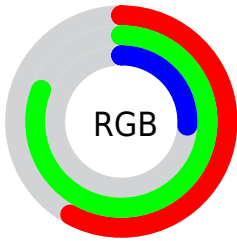
Format	Color
RYB	67, 207, 125
Decimal	9817923
CIELab	77.00, -39.75, 60.86
CIELCh	77, 72.694, 123.147
Yxy	51.5317, 0.3554, 0.5115
Android (android.graphics.Color)	4288008003 (0xFF95CF43)
YUV	173.6980, -52.6021, -21.6601
Hunter-Lab	71.7856, -36.5897, 39.1831

Details

The CIELCh color **77, 72.694, 123.147** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **43, 82.691, 310.049**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 67.922, 121.683**, and **57, 71.322, 123.612** is the 20% darker color. If you saturate the color by 10%, you get **76, 80.463, 123.259**, and if you desaturate by 10%, it is **78, 63.493, 123.329**.

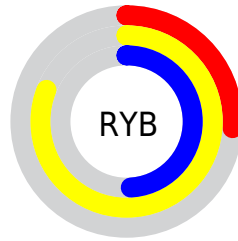
Distribution



Red (58%)

Green (81%)

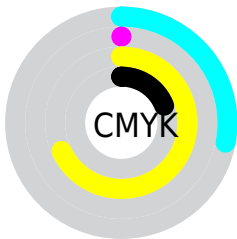
Blue (26%)



Red (26%)

Yellow (81%)

Blue (49%)

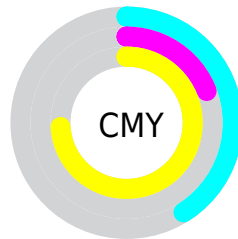


Cyan (28%)

Magenta (0%)

Yellow (68%)

Black (19%)



Cyan (41%)


Magenta (19%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 72.694, 123.147 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 77, 72.694, 123.147 by changing the saturation by 10% instead.


 77, 72.694,
123.147


 77, 72.694,
123.147


 100, 72.694,
123.147


 67, 72.694,
123.147


 97, 72.694,
123.147

 57, 72.694,
123.147

 47, 72.694,
123.147

 37, 72.694,
123.147

 27, 72.694,
123.147

 17, 72.694,
123.147

 7, 72.694, 123.147

0, 72.694, 123.147

77, 72.694,
123.147

77, 72.694,
123.147

76, 80.463,
123.259

78, 63.493,
123.329

76, 86.309,
123.784

78, 53.322,
123.689

75, 90.024,
124.786

79, 42.539,
124.148

75, 90.782,
125.049

80, 31.393,
124.651

81, 20.052,
125.164

82, 8.635, 125.669

■ 83, 2.780, 306.100

■ 85, 14.135,
306.569

■ 86, 25.389,
306.981

Harmonies

Complementary

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



77, 72.694, 123.147



43, 82.691, 310.049

Rectangle

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



77, 72.694, 123.147



77, 72.694, 173.147



77, 72.694, 303.147



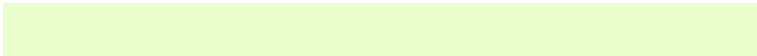
77, 72.694, 353.147

Sweetspot

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



77, 72.695, 123.148



97, 27.006, 125.027



60, 51.889, 57.532



52, 18.414, 124.881



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 72.695, 123.148



92, 97.414, 123.432



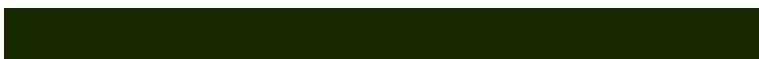
74, 83.162, 136.785



44, 6.523, 125.576



62, 77.616, 124.809



14, 25.425, 126.309

Inverse Universe

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



43, 82.691, 310.049



45, 114.119, 310.511



52, 83.006, 324.499



41, 6.627, 306.477



24, 93.007, 310.202



3, 26.334, 304.372

Previews

White Background



This preview shows how the CIELCh color 77, 72.694, 123.147 looks on a white background.

Color Contrast Check

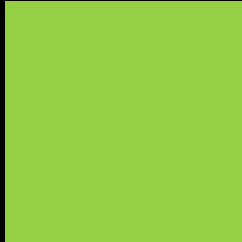
Large Text (above 18pt) WCAG AA × Fail

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 77, 72.694, 123.147 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 77, 72.694, 123.147

Background



This preview shows how black text looks on a background with the CIELCh color 77, 72.694, 123.147.



This preview shows how white text looks on a background with the CIELCh color 77, 72.694, 123.147.

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
77, 12.085, 240.894

Trichromacy



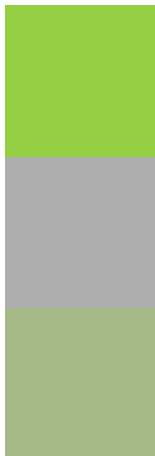
Original Color
77, 72.694, 123.147

Protanomaly
76, 65.189, 106.789

Deuteranomaly
76, 59.505, 98.634

Tritanomaly
77, 26.741, 140.661

Monochromacy



Original Color
77, 72.694, 123.147

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 28.586, 124.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 72.694, 123.147 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(149, 207, 67)` looks like.

```
.text, #text, p{  
    color:rgb(149, 207, 67)  
}
```

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(149, 207, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 207, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 72.694, 123.147 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(149, 207, 67) }
```

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

```
.border{ border-color:rgb(149, 207, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 207, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 207, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 207, 67);  
box-shadow:4px 4px 4px 4px rgb(149, 207,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 72.694, 123.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 207, 67) }
```

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

```
.background{ background-color: rgb(149,  
207, 67) }
```

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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