

Converting Colors

CIELCh(79, 90.931, 123.849)

Have a look what the booklet for
CIELCh(79, 90.931, 123.849)
contains.

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Color

CIELCh(79, 90.968, 123.919)

Conversions

Conversions Part 1

Format	Color
Hex	88D913
RGB	136, 217, 19
RGB Percent	53%, 85%, 7%
CMY	0.4665, 0.1489, 0.9251
CMYK	0.37, 0.00, 0.91, 0.15
HSL	85°, 84%, 46%
HSV	85°, 91%, 85%
XYZ	35.0993, 54.9284, 9.3720
YIQ	170.2090, 15.2820, -78.7500

Conversions

Conversions Part 2

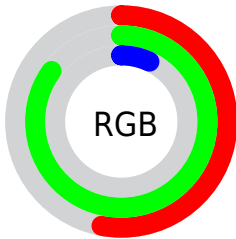
Format	Color
RYB	19, 217, 100
Decimal	8968467
CIELab	79.00, -50.76, 75.49
CIELCh	79, 90.968, 123.919
Yxy	54.9284, 0.3531, 0.5526
Android (android.graphics.Color)	4287158547 (0xFF88D913)
YUV	170.2090, -74.5460, -30.0013
Hunter-Lab	74.1137, -45.1637, 44.3821

Details

The CIELCh color **79, 90.968, 123.919** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **34, 108.376, 310.308**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 81.464, 121.245**, and **59, 77.903, 128.769** is the 20% darker color. If you saturate the color by 10%, you get **79, 93.879, 124.893**, and if you desaturate by 10%, it is **80, 85.790, 123.207**.

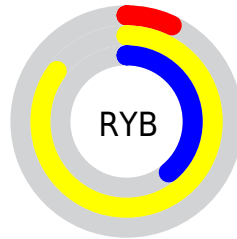
Distribution



Red (53%)

Green (85%)

Blue (7%)



Red (7%)

Yellow (85%)

Blue (39%)

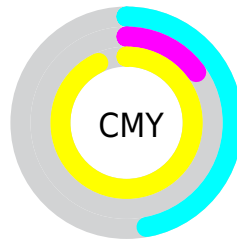


Cyan (37%)

Magenta (0%)

Yellow (91%)

Black (15%)



Cyan (47%)


Magenta (15%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 90.968, 123.919 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 79, 90.968, 123.919 by changing the saturation by 10% instead.


 79, 90.968,
123.919


 79, 90.968,
123.919


 100, 90.968,
123.919


 69, 90.968,
123.919


 99, 90.968,
123.919

 59, 90.968,
123.919

 49, 90.968,
123.919

 39, 90.968,
123.919

 29, 90.968,
123.919

 19, 90.968,
123.919

 9, 90.968, 123.919

■ 0, 90.968, 123.919

■ 79, 90.968,
123.919

■ 79, 90.968,
123.919

■ 79, 93.879,
124.893

■ 80, 85.790,
123.207

■ 80, 78.455,
122.952

■ 81, 69.424,
123.037

■ 82, 59.211,
123.342

■ 82, 48.233,
123.775

■ 83, 36.790,
124.269

■ 84, 25.087,
124.785

■ 85, 13.262,
125.298

■ 87, 1.411, 125.845

Harmonies

Complementary

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



79, 90.968, 123.919



34, 108.376, 310.308

Rectangle

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



79, 90.968, 123.919



79, 90.968, 173.919



79, 90.968, 303.919



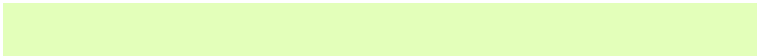
79, 90.968, 353.919

Sweetspot

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



79, 90.968, 123.920



97, 36.348, 124.473



56, 74.146, 54.590



51, 24.455, 124.296



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 90.968, 123.920



91, 106.159, 125.043



76, 102.888, 135.626



46, 6.777, 125.387



64, 79.240, 124.644



16, 28.480, 124.940

Inverse Universe

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



34, 108.376, 310.308



38, 127.502, 309.822



49, 100.970, 324.518



43, 6.887, 306.300



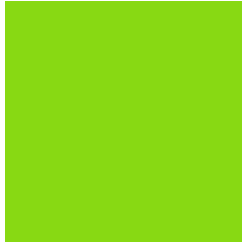
25, 95.207, 310.083



3, 30.653, 305.946

Previews

White Background



This preview shows how the CIELCh color 79, 90.968, 123.919 looks on a white background.

Color Contrast Check

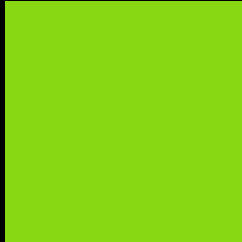
Large Text (above 18pt) WCAG AA × Fail

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 79, 90.968, 123.919 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 79, 90.968, 123.919

Background



This preview shows how black text looks on a background with the CIELCh color 79, 90.968, 123.919.



This preview shows how white text looks on a background with the CIELCh color 79, 90.968, 123.919.

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

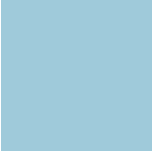
79, 90.968, 123.919

Protanopia

79, 79.732, 94.857

Deuteranopia

79, 73.196, 82.166



Tritanopia
79, 16.368, 230.213

Trichromacy



Original Color
79, 90.968, 123.919

Protanomaly
78, 81.044, 107.234

Deuteranomaly
78, 74.428, 100.613

Tritanomaly
78, 38.710, 140.407

Monochromacy



Original Color
79, 90.968, 123.919

Achromatopsia
70, 0.009, 296.813

Achromatomaly
72, 39.980, 123.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 90.968, 123.919 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(136, 217, 19)` looks like.

```
.text, #text, p{  
    color:rgb(136, 217, 19)  
}
```

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(136, 217, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 217, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 90.968, 123.919 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(136, 217, 19) }
```

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

```
.border{ border-color:rgb(136, 217, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 217, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 217, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 217, 19);  
box-shadow:4px 4px 4px 4px rgb(136, 217,  
19) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 90.968, 123.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 217, 19) }
```

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

```
.background{ background-color: rgb(136,  
217, 19) }
```

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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