

Converting Colors

CIELCh(79, 67.261, 117.042)

Have a look what the booklet for
CIELCh(79, 67.261, 117.042)
contains.

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Color

CIELCh(79, 67.420, 117.231)

Conversions

Conversions Part 1

Format	Color
Hex	ADD14C
RGB	173, 209, 76
RGB Percent	68%, 82%, 30%
CMY	0.3221, 0.1809, 0.7024
CMYK	0.17, 0.00, 0.64, 0.18
HSL	76°, 59%, 56%
HSV	76°, 64%, 82%
XYZ	41.2746, 54.9284, 15.2416
YIQ	183.0740, 21.2370, -48.9950

Conversions

Conversions Part 2

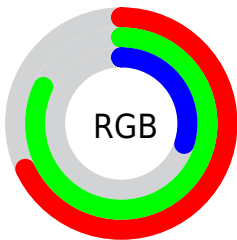
Format	Color
RYB	76, 209, 112
Decimal	11391308
CIELab	79.00, -30.85, 59.95
CIELCh	79, 67.420, 117.231
Yxy	54.9284, 0.3704, 0.4929
Android (android.graphics.Color)	4289581388 (0xFFADD14C)
YUV	183.0740, -52.7875, -8.8349
Hunter-Lab	74.1137, -30.2906, 39.6865

Details

The CIELCh color **79, 67.420, 117.231** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **43, 78.870, 306.134**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 62.120, 114.339**, and **59, 67.189, 117.194** is the 20% darker color. If you saturate the color by 10%, you get **78, 75.400, 117.110**, and if you desaturate by 10%, it is **80, 58.158, 117.585**.

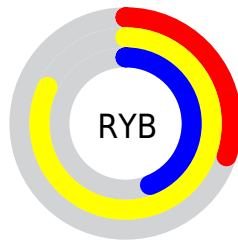
Distribution



Red (68%)

Green (82%)

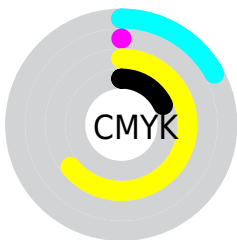
Blue (30%)



Red (30%)

Yellow (82%)

Blue (44%)

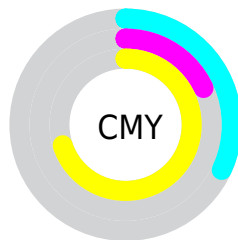


Cyan (17%)

Magenta (0%)

Yellow (64%)

Black (18%)



Cyan (32%)


Magenta (18%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 67.420, 117.231 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, 67.420, 117.231 by changing the saturation by 10% instead.


 79, 67.420,
117.231


 79, 67.420,
117.231


 100, 67.420,
117.231


 69, 67.420,
117.231


 99, 67.420,
117.231

 59, 67.420,
117.231

 49, 67.420,
117.231

 39, 67.420,
117.231

 29, 67.420,
117.231

 19, 67.420,
117.231

 9, 67.420, 117.231

0, 67.420, 117.231

79, 67.420,
117.231

79, 67.420,
117.231

78, 75.400,
117.110

80, 58.158,
117.585

78, 81.588,
117.323

80, 48.048,
118.080

78, 85.589,
117.965

81, 37.406,
118.654

77, 87.232,
118.545

82, 26.448,
119.263

83, 15.317,
119.879

83, 4.111, 120.490

■ 84, 7.104, 301.056

■ 85, 18.283,
301.610

■ 86, 24.836,
303.760

Harmonies

Complementary

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



79, 67.420, 117.231



43, 78.870, 306.134

Rectangle

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



79, 67.420, 117.231



79, 67.420, 167.231



79, 67.420, 297.231



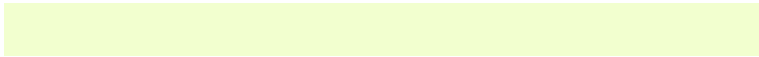
79, 67.420, 347.231

Sweetspot

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



79, 67.421, 117.233



98, 24.996, 119.538



58, 50.913, 46.032



52, 17.187, 119.359



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, 67.421, 117.233



94, 90.199, 117.136



76, 77.077, 134.239



44, 6.364, 120.140



64, 74.191, 118.339



15, 24.368, 119.757

Inverse Universe

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



43, 78.870, 306.134



44, 110.070, 307.304



51, 79.129, 320.237



41, 6.488, 301.282



22, 95.512, 308.025



2, 25.908, 300.040

Previews

White Background



This preview shows how the CIELCh color 79, 67.420, 117.231 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, 67.420, 117.231 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, 67.420, 117.231

Background



This preview shows how black text looks on a background with the CIELCh color 79, 67.420, 117.231.

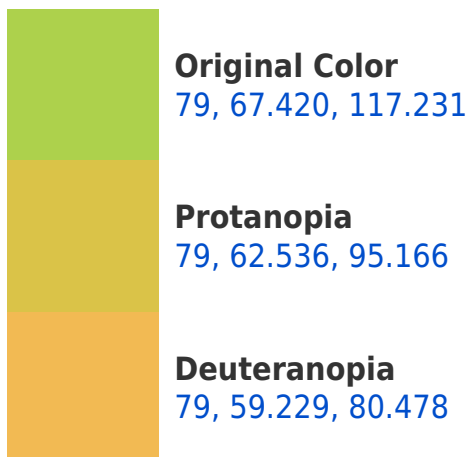


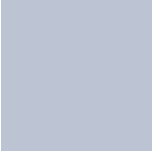
This preview shows how white text looks on a background with the CIELCh color 79, 67.420, 117.231.

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
79, 8.438, 271.428

Trichromacy



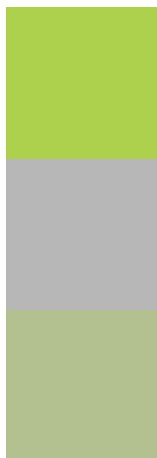
Original Color
79, 67.420, 117.231

Protanomaly
79, 63.187, 103.601

Deuteranomaly
78, 58.806, 94.939

Tritanomaly
79, 21.959, 127.736

Monochromacy



Original Color
79, 67.420, 117.231

Achromatopsia
74, 0.009, 296.813

Achromatomaly
76, 26.068, 119.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 67.420, 117.231 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(173, 209, 76)` looks like.

```
.text, #text, p{  
    color:rgb(173, 209, 76)  
}
```

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(173, 209, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 209, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 67.420, 117.231 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(173, 209, 76) }
```

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

```
.border{ border-color:rgb(173, 209, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 209, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 209, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 209, 76);  
box-shadow:4px 4px 4px 4px rgb(173, 209,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 67.420, 117.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 209, 76) }
```

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

```
.background{ background-color: rgb(173,  
209, 76) }
```

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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