

Converting Colors

CIELCh(79, 66.996, 121.685)

Have a look what the booklet for
CIELCh(79, 66.996, 121.685)
contains.

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Color

CIELCh(79, 67.182, 121.570)

Conversions

Conversions Part 1

Format	Color
Hex	A3D352
RGB	163, 211, 82
RGB Percent	64%, 83%, 32%
CMY	0.3611, 0.1729, 0.6788
CMYK	0.23, 0.00, 0.61, 0.17
HSL	82°, 59%, 57%
HSV	82°, 61%, 83%
XYZ	39.8771, 54.9284, 16.4657
YIQ	181.9420, 12.8010, -50.2950

Conversions

Conversions Part 2

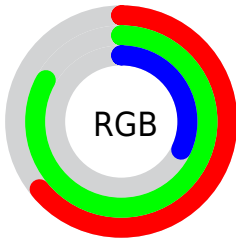
Format	Color
R_{YB}	82, 211, 130
Decimal	10736466
CIE _{Lab}	79.00, -35.17, 57.24
CIE _{LCh}	79, 67.182, 121.570
Yxy	54.9284, 0.3584, 0.4936
Android (android.graphics.Color)	4288926546 (0xFFA3D352)
YUV	181.9420, -49.2714, -16.6121
Hunter-Lab	74.1137, -33.6564, 38.7073

Details

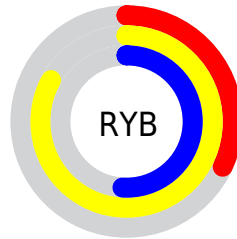
The CIELCh color **79, 67.182, 121.570** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **46, 76.169, 308.545**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 60.342, 118.879**, and **59, 66.942, 121.421** is the 20% darker color. If you saturate the color by 10%, you get **78, 75.905, 121.469**, and if you desaturate by 10%, it is **80, 57.309, 121.892**.

Distribution



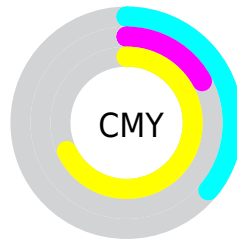
- Red (64%)
- Green (83%)
- Blue (32%)



- Red (32%)
- Yellow (83%)
- Blue (51%)



- Cyan (23%)
- Magenta (0%)
- Yellow (61%)
- Black (17%)





- Cyan (36%)
- Magenta (17%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 67.182, 121.570 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, 67.182, 121.570 by changing the saturation by 10% instead.


 79, 67.182,
121.570

 79, 67.182,
121.570


 100, 67.182,
121.570


 69, 67.182,
121.570


 99, 67.182,
121.570

 59, 67.182,
121.570

 49, 67.182,
121.570

 39, 67.182,
121.570

 29, 67.182,
121.570

 19, 67.182,
121.570

 9, 67.182, 121.570

■ 0, 67.182, 121.570

■ 79, 67.182,
121.570

■ 79, 67.182,
121.570

■ 78, 75.905,
121.469

■ 80, 57.309,
121.892

■ 78, 82.975,
121.699

■ 80, 46.690,
122.339

■ 77, 87.943,
122.377

■ 81, 35.614,
122.851

■ 77, 90.729,
123.318

■ 82, 24.279,
123.385

■ 83, 12.819,
123.919

■ 84, 1.324, 124.483

■ 86, 10.141,
304.901

■ 87, 21.530,
305.357

■ 88, 24.444,
310.330

Harmonies

Complementary

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



79, 67.182, 121.570



46, 76.169, 308.545

Rectangle

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



79, 67.182, 121.570



79, 67.182, 171.570



79, 67.182, 301.570



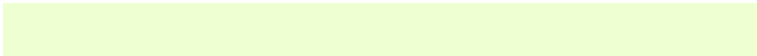
79, 67.182, 351.570

Sweetspot

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



79, 67.183, 121.571



98, 24.105, 123.545



62, 47.162, 54.936



52, 16.740, 123.387



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, 67.183, 121.571



93, 89.948, 121.492



76, 77.180, 136.633



44, 6.470, 124.012



63, 76.549, 123.067



14, 25.087, 124.507

Inverse Universe

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



46, 76.169, 308.545



48, 105.239, 309.307



54, 77.721, 323.314



41, 6.581, 304.971



23, 93.796, 309.460



2, 26.180, 302.984

Previews

White Background



This preview shows how the CIELCh color 79, 67.182, 121.570 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, 67.182, 121.570 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, 67.182, 121.570

Background



This preview shows how black text looks on a background with the CIELCh color 79, 67.182, 121.570.

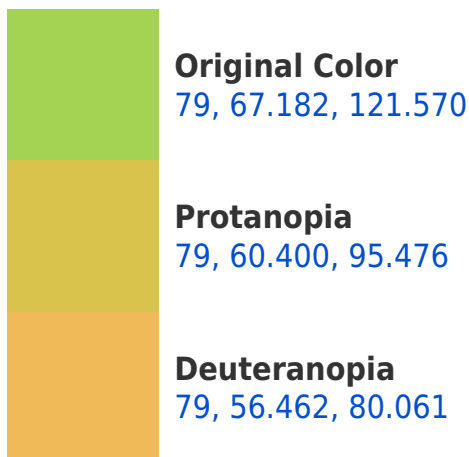


This preview shows how white text looks on a background with the CIELCh color 79, 67.182, 121.570.

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, 10.229, 250.889

Trichromacy



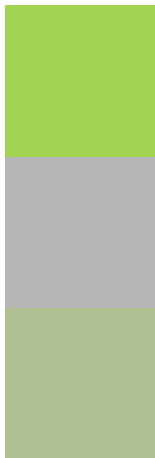
Original Color
79, 67.182, 121.570

Protanomaly
79, 61.136, 106.198

Deuteranomaly
78, 56.215, 97.009

Tritanomaly
79, 23.229, 137.596

Monochromacy



Original Color
79, 67.182, 121.570

Achromatopsia
74, 0.009, 296.813

Achromatomaly
76, 26.030, 123.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 67.182, 121.570 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(163, 211, 82)` looks like.

```
.text, #text, p{  
    color:rgb(163, 211, 82)  
}
```

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(163, 211, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 211, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 67.182, 121.570 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(163, 211, 82) }
```

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

```
.border{ border-color:rgb(163, 211, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 211, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 211, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 211, 82);  
box-shadow:4px 4px 4px 4px rgb(163, 211,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 67.182, 121.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 211, 82) }
```

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

```
.background{ background-color: rgb(163,  
211, 82) }
```

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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