

Converting Colors

CIELCh(67, 42.652, 347.463)

Have a look what the booklet for
CIELCh(67, 42.652, 347.463)
contains.

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Color

CIELCh(67, 42.652, 347.463)

Conversions

Conversions Part 1

Format	Color
Hex	E386B5
RGB	227, 134, 181
RGB Percent	89%, 53%, 71%
CMY	0.1105, 0.4752, 0.2909
CMYK	0.00, 0.41, 0.20, 0.11
HSL	330°, 62%, 71%
HSV	330°, 41%, 89%
XYZ	48.4431, 36.6320, 48.1393
YIQ	167.1650, 40.3410, 34.3330

Conversions

Conversions Part 2

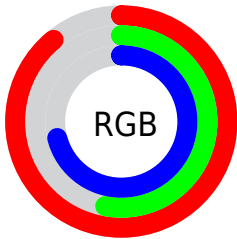
Format	Color
R_{YB}	227, 134, 181
Decimal	14911157
CIE _{Lab}	67.00, 41.64, -9.26
CIE _{LCh}	67, 42.652, 347.463
Yxy	36.6320, 0.3636, 0.2750
Android (android.graphics.Color)	4293101237 (0xFFE386B5)
YUV	167.1650, 6.8207, 52.4753
Hunter-Lab	60.5244, 36.9520, -4.7904

Details

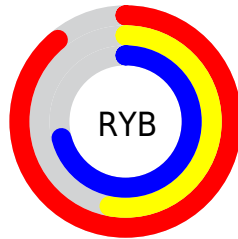
The CIELCh color $67, 42.652, 347.463$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $84, 40.697, 159.274$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 34.312, 335.012$, and $47, 42.517, 347.781$ is the 20% darker color. If you saturate the color by 10%, you get $62, 52.453, 348.871$, and if you desaturate by 10%, it is $72, 32.299, 346.259$.

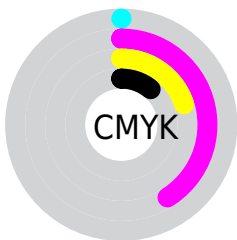
Distribution



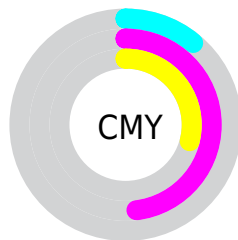
- Red (89%)
- Green (53%)
- Blue (71%)



- Red (89%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (41%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (48%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 42.652, 347.463 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 67, 42.652, 347.463 by changing the saturation by 10% instead.

 67, 42.652,
347.463


 67, 42.652,
347.463

 100, 42.652,
347.463


 57, 42.652,
347.463

 87, 42.652,
347.463

 47, 42.652,
347.463

 97, 42.652,
347.463

 37, 42.652,
347.463

 27, 42.652,
347.463

 17, 42.652,
347.463

 7, 42.652, 347.463

 0, 42.652, 347.463

67, 42.652,
347.463

67, 42.652,
347.463

62, 52.453,
348.871

72, 32.299,
346.259

58, 61.235,
350.555

78, 21.762,
345.201

54, 68.453,
352.627

84, 11.283,
344.247

52, 73.616,
355.228

90, 1.013, 343.004

96, 8.963, 162.724

50, 76.497,
358.524

98, 10.366,
179.021

49, 77.553, 2.109

98, 9.576, 198.870

Harmonies

Complementary

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



67, 42.652, 347.463



84, 40.697, 159.274

Rectangle

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



67, 42.652, 347.463



67, 42.652, 37.463



67, 42.652, 167.463



67, 42.652, 217.463

Sweetspot

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



67, 42.649, 347.464



92, 13.560, 344.347



63, 53.903, 310.604



48, 9.007, 344.469



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 42.649, 347.464



70, 55.576, 348.618



66, 38.611, 22.273



44, 5.767, 344.103



38, 64.236, 1.322



6, 26.486, 354.330

Inverse Universe

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



67, 42.649, 347.464



70, 55.576, 348.618



85, 29.079, 195.832



44, 5.767, 344.103



38, 64.236, 1.322



6, 26.486, 354.330

Previews

White Background



This preview shows how the CIELCh color 67, 42.652, 347.463 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 67, 42.652, 347.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

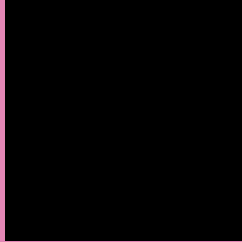
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 42.652, 347.463

Background



This preview shows how black text looks on a background with the CIELCh color 67, 42.652, 347.463.



This preview shows how white text looks on a background with the CIELCh color 67, 42.652, 347.463.

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
67, 34.175, 13.950

Trichromacy



Original Color
67, 42.652, 347.463



Protanomaly
67, 24.580, 317.399



Deuteranomaly
67, 22.334, 337.975



Tritanomaly
67, 36.075, 3.201

Monochromacy



Original Color
67, 42.652, 347.463



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 15.979, 345.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 42.652, 347.463 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(227, 134, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 134, 181)  
}
```

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(227, 134, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 134, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 42.652, 347.463 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(227, 134, 181) }
```

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

```
.border{ border-color:rgb(227, 134, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 134, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 134, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 134, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 134,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 42.652, 347.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 134, 181) }
```

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

```
.background{ background-color: rgb(227,  
134, 181) }
```

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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