

Converting Colors

CIELCh(67, 50.039, 343.597)

Have a look what the booklet for
CIELCh(67, 50.039, 343.597)
contains.

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Color

CIELCh(67, 50.414, 343.517)

Conversions

Conversions Part 1

Format	Color
Hex	EA80BE
RGB	234, 128, 190
RGB Percent	92%, 50%, 75%
CMY	0.0825, 0.4981, 0.2550
CMYK	0.00, 0.45, 0.19, 0.08
HSL	325°, 72%, 71%
HSV	325°, 45%, 92%
XYZ	50.9249, 36.6320, 53.0818
YIQ	166.7620, 43.2740, 41.7540

Conversions

Conversions Part 2

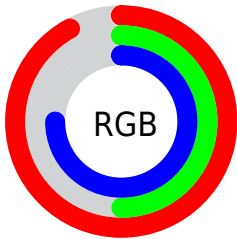
Format	Color
RYB	234, 128, 190
Decimal	15368382
CIELab	67.00, 48.34, -14.30
CIElCh	67, 50.414, 343.517
Yxy	36.6320, 0.3621, 0.2605
Android (android.graphics.Color)	4293558462 (0xFFEA80BE)
YUV	166.7620, 11.4563, 58.9677
Hunter-Lab	60.5244, 44.2713, -9.6322

Details

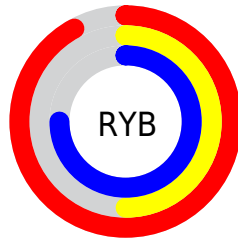
The CIELCh color **67, 50.414, 343.517** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85, 48.949, 154.886**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 41.443, 329.737**, and **47, 50.381, 343.304** is the 20% darker color. If you saturate the color by 10%, you get **62, 60.341, 344.791**, and if you desaturate by 10%, it is **72, 39.612, 342.411**.

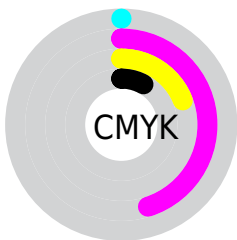
Distribution



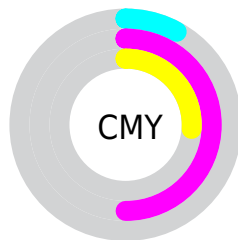
- Red (92%)
- Green (50%)
- Blue (75%)



- Red (92%)
- Yellow (50%)
- Blue (75%)



- Cyan (0%)
- Magenta (45%)
- Yellow (19%)
- Black (8%)





- Cyan (8%)
- Magenta (50%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 50.414, 343.517 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, 50.414, 343.517 by changing the saturation by 10% instead.

 67, 50.414,
343.517


 67, 50.414,
343.517


 100, 50.414,
343.517


 57, 50.414,
343.517


 87, 50.414,
343.517

 47, 50.414,
343.517


 97, 50.414,
343.517

 37, 50.414,
343.517

 27, 50.414,
343.517

 17, 50.414,
343.517

 7, 50.414, 343.517

 0, 50.414, 343.517

67, 50.414,
343.517

67, 50.414,
343.517

62, 60.341,
344.791

72, 39.612,
342.411

58, 68.852,
346.297

78, 28.391,
341.426

55, 75.364,
348.125

83, 17.069,
340.531

53, 79.434,
350.399

89, 5.859, 339.676

51, 80.978,
353.252

96, 5.109, 159.088

98, 8.106, 173.798

51, 81.156,
354.762

99, 7.198, 199.042

Harmonies

Complementary

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



67, 50.414, 343.517



85, 48.949, 154.886

Rectangle

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



67, 50.414, 343.517



67, 50.414, 33.517



67, 50.414, 163.517



67, 50.414, 213.517

Sweetspot

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



67, 50.411, 343.518



91, 16.728, 340.425



62, 60.862, 308.256



47, 11.569, 340.612



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, 50.411, 343.518



68, 63.351, 344.648



66, 43.600, 16.862



46, 6.317, 340.036



39, 67.162, 354.158



8, 29.603, 349.051

Inverse Universe

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



67, 50.411, 343.518



68, 63.351, 344.648



86, 33.510, 187.560



46, 6.317, 340.036



39, 67.162, 354.158



8, 29.603, 349.051

Previews

White Background



This preview shows how the CIELCh color 67, 50.414, 343.517 looks on a white background.

Color Contrast Check

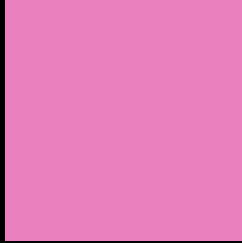
Large Text (above 18pt) WCAG AA × Fail

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, 50.414, 343.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

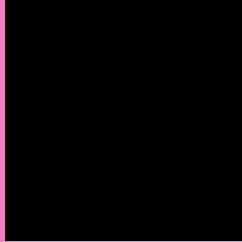
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 50.414, 343.517

Background



This preview shows how black text looks on a background with the CIELCh color 67, 50.414, 343.517.



This preview shows how white text looks on a background with the CIELCh color 67, 50.414, 343.517.

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

67, 50.414, 343.517

Protanopia

67, 28.303, 285.110

Deuteranopia

67, 14.893, 305.675



Tritanopia
67, 37.531, 15.214

Trichromacy



Original Color
67, 50.414, 343.517



Protanomaly
67, 32.438, 312.465



Deuteranomaly
67, 27.157, 329.683



Tritanomaly
67, 40.507, 1.268

Monochromacy



Original Color
67, 50.414, 343.517



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 18.804, 341.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 50.414, 343.517 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(234, 128, 190)` looks like.

```
.text, #text, p{  
    color:rgb(234, 128, 190)  
}
```

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(234, 128, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 128, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 50.414, 343.517 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(234, 128, 190) }
```

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

```
.border{ border-color:rgb(234, 128, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 128, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 128, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 128, 190);  
box-shadow:4px 4px 4px 4px rgb(234, 128,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 50.414, 343.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 128, 190) }
```

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

```
.background{ background-color: rgb(234,  
128, 190) }
```

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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