

Converting Colors

CIELCh(67, 64.374, 333.938)

Have a look what the booklet for
CIELCh(67, 64.374, 333.938)
contains.

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Color

CIELCh(67, 64.166, 333.940)

Conversions

Conversions Part 1

Format	Color
Hex	EF78D7
RGB	239, 120, 215
RGB Percent	94%, 47%, 84%
CMY	0.0633, 0.5299, 0.1573
CMYK	0.00, 0.50, 0.10, 0.06
HSL	312°, 79%, 70%
HSV	312°, 50%, 94%
XYZ	54.5044, 36.6320, 68.4044
YIQ	166.4110, 40.4290, 54.7730

Conversions

Conversions Part 2

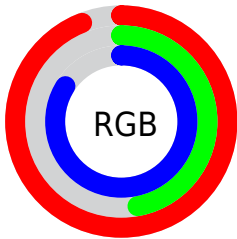
Format	Color
R _{YB}	239, 120, 215
Decimal	15694039
CIE Lab	67.00, 57.64, -28.19
CIE LCh	67, 64.166, 333.940
Yxy	36.6320, 0.3416, 0.2296
Android (android.graphics.Color)	4293884119 (0xFFEF78D7)
YUV	166.4110, 23.9544, 63.6606
Hunter-Lab	60.5244, 54.8282, -24.6423

Details

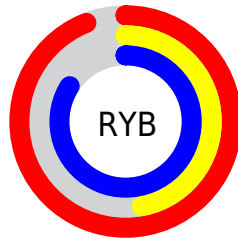
The CIELCh color **67, 64.166, 333.940** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **86, 64.309, 146.083**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 49.432, 326.132**, and **47, 64.070, 334.065** is the 20% darker color. If you saturate the color by 10%, you get **63, 74.812, 334.694**, and if you desaturate by 10%, it is **72, 52.159, 333.217**.

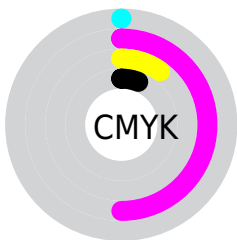
Distribution



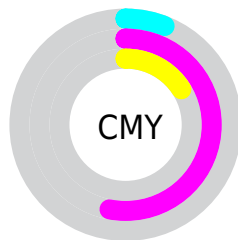
- Red (94%)
- Green (47%)
- Blue (84%)



- Red (94%)
- Yellow (47%)
- Blue (84%)



- Cyan (0%)
- Magenta (50%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (53%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 64.166, 333.940 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, 64.166, 333.940 by changing the saturation by 10% instead.

 67, 64.166,
333.940

 67, 64.166,
333.940


 100, 64.166,
333.940


 57, 64.166,
333.940

 87, 64.166,
333.940

 47, 64.166,
333.940

 97, 64.166,
333.940

 37, 64.166,
333.940

 27, 64.166,
333.940

 17, 64.166,
333.940

 7, 64.166, 333.940

 0, 64.166, 333.940

67, 64.166,
333.940

67, 64.166,
333.940

63, 74.812,
334.694

72, 52.159,
333.217

59, 83.498,
335.493

77, 39.345,
332.517

57, 89.671,
336.360

83, 26.151,
331.838

55, 93.012,
337.332

88, 12.888,
331.174

54, 93.835,
338.437

95, 0.236, 152.073

54, 93.843,
338.458

99, 8.082, 154.068

99, 6.525, 169.111

99, 5.632, 190.901

99, 5.545, 199.173

Harmonies

Complementary

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



67, 64.166, 333.940



86, 64.309, 146.083

Rectangle

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



67, 64.166, 333.940



67, 64.166, 23.940



67, 64.166, 153.940



67, 64.166, 203.940

Sweetspot

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



67, 64.163, 333.940



91, 20.840, 331.521



58, 67.868, 302.766



47, 14.231, 331.662



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, 64.163, 333.940



67, 79.014, 334.725



65, 49.452, 2.719



47, 7.483, 331.151



42, 77.233, 338.252



9, 34.431, 336.590

Inverse Universe

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



67, 64.163, 333.940



67, 79.014, 334.725



87, 42.558, 170.526



47, 7.483, 331.151



42, 77.233, 338.252



9, 34.431, 336.590

Previews

White Background



This preview shows how the CIELCh color 67, 64.166, 333.940 looks on a white background.

Color Contrast Check

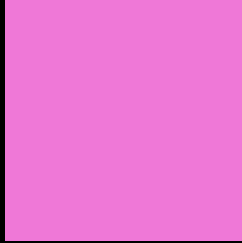
Large Text (above 18pt) WCAG AA × Fail

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, 64.166, 333.940 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, 64.166, 333.940

Background



This preview shows how black text looks on a background with the CIELCh color 67, 64.166, 333.940.



This preview shows how white text looks on a background with the CIELCh color 67, 64.166, 333.940.

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, 38.788, 15.652

Trichromacy



Original Color
67, 64.166, 333.940



Protanomaly
66, 50.163, 304.272



Deuteranomaly
66, 39.284, 314.553

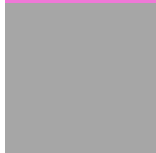


Tritanomaly
67, 44.814, 355.023

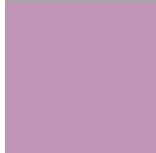
Monochromacy



Original Color
67, 64.166, 333.940



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 25.040, 331.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 64.166, 333.940 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(239, 120, 215)` looks like.

```
.text, #text, p{  
    color:rgb(239, 120, 215)  
}
```

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(239, 120, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 120, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 64.166, 333.940 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(239, 120, 215) }
```

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

```
.border{ border-color:rgb(239, 120, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 120, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 120, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 120, 215);  
box-shadow:4px 4px 4px 4px rgb(239, 120,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 64.166, 333.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 120, 215) }
```

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

```
.background{ background-color: rgb(239,  
120, 215) }
```

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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