

Converting Colors

CIELCh(67, 61.745, 332.721)

Have a look what the booklet for
CIELCh(67, 61.745, 332.721)
contains.

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Color

CIELCh(67, 61.654, 332.583)

Conversions

Conversions Part 1

Format	Color
Hex	EA7BD7
RGB	234, 123, 215
RGB Percent	92%, 48%, 84%
CMY	0.0818, 0.5171, 0.1563
CMYK	0.00, 0.47, 0.08, 0.08
HSL	310°, 73%, 70%
HSV	310°, 47%, 92%
XYZ	53.3656, 36.6320, 68.6449
YIQ	166.6770, 36.6240, 52.1440

Conversions

Conversions Part 2

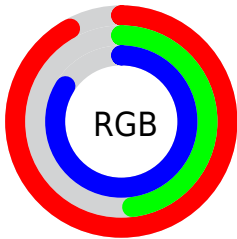
Format	Color
RYB	234, 123, 215
Decimal	15367127
CIELab	67.00, 54.73, -28.39
CIELCh	67, 61.654, 332.583
Yxy	36.6320, 0.3364, 0.2309
Android (android.graphics.Color)	4293557207 (0xFFEA7BD7)
YUV	166.6770, 23.8232, 59.0423
Hunter-Lab	60.5244, 51.4695, -24.8779

Details

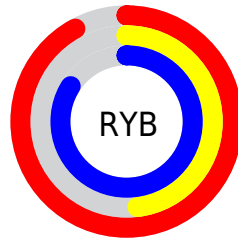
The CIELCh color $67, 61.654, 332.583$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $85, 61.798, 145.413$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 47.584, 326.070$, and $47, 61.472, 332.568$ is the 20% darker color. If you saturate the color by 10%, you get $63, 72.724, 333.267$, and if you desaturate by 10%, it is $72, 49.362, 331.912$.

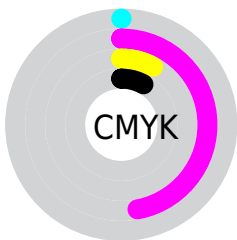
Distribution



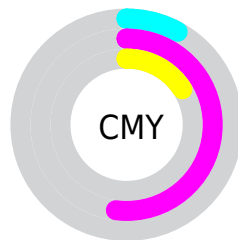
- Red (92%)
- Green (48%)
- Blue (84%)



- Red (92%)
- Yellow (48%)
- Blue (84%)



- Cyan (0%)
- Magenta (47%)
- Yellow (8%)
- Black (8%)





- Cyan (8%)
- Magenta (52%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 61.654, 332.583 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, 61.654, 332.583 by changing the saturation by 10% instead.

 67, 61.654,
332.583


 67, 61.654,
332.583


 100, 61.654,
332.583


 57, 61.654,
332.583


 87, 61.654,
332.583

 47, 61.654,
332.583

 97, 61.654,
332.583

 37, 61.654,
332.583

 27, 61.654,
332.583

 17, 61.654,
332.583

 7, 61.654, 332.583

 0, 61.654, 332.583

67, 61.654,
332.583

67, 61.654,
332.583

63, 72.724,
333.267

72, 49.362,
331.912

59, 81.992,
333.968

77, 36.372,
331.252

56, 88.889,
334.701

83, 23.080,
330.604

55, 93.038,
335.491

88, 9.769, 329.959

94, 3.373, 149.492

54, 94.471,
336.367

98, 10.949,
151.532

53, 94.619,
336.604

98, 9.501, 159.680

98, 8.300, 170.410

98, 7.467, 184.078

Harmonies

Complementary

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



67, 61.654, 332.583



85, 61.798, 145.413

Rectangle

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



67, 61.654, 332.583



67, 61.654, 22.583



67, 61.654, 152.583



67, 61.654, 202.583

Sweetspot

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



67, 61.651, 332.583



91, 19.862, 330.389



58, 63.267, 301.514



47, 13.725, 330.528



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, 61.651, 332.583



68, 77.414, 333.257



65, 46.745, 359.799



46, 7.513, 330.094



41, 78.211, 336.441



9, 34.138, 335.044

Inverse Universe

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



67, 61.651, 332.583



68, 77.414, 333.257



86, 41.275, 168.548



46, 7.513, 330.094



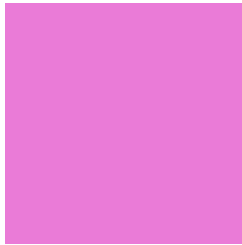
41, 78.211, 336.441



9, 34.138, 335.044

Previews

White Background



This preview shows how the CIELCh color 67, 61.654, 332.583 looks on a white background.

Color Contrast Check

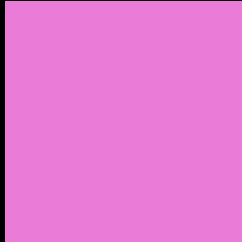
Large Text (above 18pt) WCAG AA × Fail

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, 61.654, 332.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

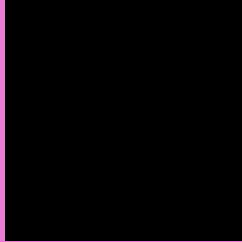
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 61.654, 332.583

Background



This preview shows how black text looks on a background with the CIELCh color 67, 61.654, 332.583.

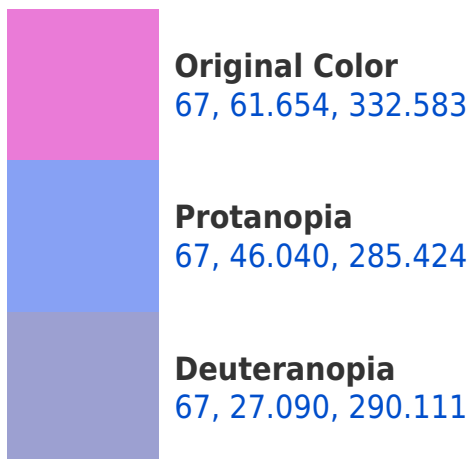


This preview shows how white text looks on a background with the CIELCh color 67, 61.654, 332.583.

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, 35.872, 14.614

Trichromacy



Original Color
67, 61.654, 332.583



Protanomaly
66, 48.962, 303.687



Deuteranomaly
66, 37.771, 313.111

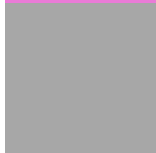


Tritanomaly
67, 41.782, 353.806

Monochromacy



Original Color
67, 61.654, 332.583



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 23.903, 330.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 61.654, 332.583 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, 123, 215)` looks like.

```
.text, #text, p{  
    color:rgb(234, 123, 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(234, 123, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 123, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 61.654, 332.583 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, 123, 215) }
```

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

```
.border{ border-color:rgb(234, 123, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 123, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 123, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 123, 215);  
box-shadow:4px 4px 4px 4px rgb(234, 123,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 61.654, 332.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 123, 215) }
```

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

```
.background{ background-color: rgb(234,  
123, 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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