

Converting Colors

CIELCh(67, 58.677, 335.000)

Have a look what the booklet for
CIELCh(67, 58.677, 335.000)
contains.

| | |
|------------------------------------------------|----|
| CIELCh(67, 58.885, 334.765) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(67, 58.885, 334.765)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EA7CD1 |
| RGB | 234, 124, 209 |
| RGB Percent | 92%, 49%, 82% |
| CMY | 0.0813, 0.5127, 0.1794 |
| CMYK | 0.00, 0.47, 0.11, 0.08 |
| HSL | 314°, 73%, 70% |
| HSV | 314°, 47%, 92% |
| XYZ | 52.7995, 36.6320, 64.7754 |
| YIQ | 166.5800, 38.2750, 49.7550 |

Conversions

Conversions Part 2

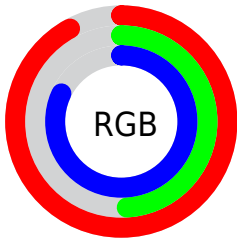
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 234, 124, 209 |
| Decimal | 15367377 |
| CIE Lab | 67.00, 53.27, -25.10 |
| CIE LCh | 67, 58.885, 334.765 |
| Yxy | 36.6320, 0.3424, 0.2376 |
| Android (android.graphics.Color) | 4293557457 (0xFFEA7CD1) |
| YUV | 166.5800, 20.9131, 59.1273 |
| Hunter-Lab | 60.5244, 49.8001, -21.0873 |

Details

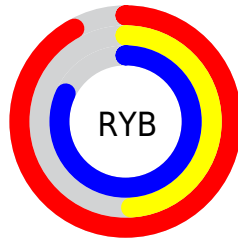
The CIELCh color **67, 58.885, 334.765** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **85, 58.790, 147.305**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 47.584, 326.070**, and **47, 58.700, 334.886** is the 20% darker color. If you saturate the color by 10%, you get **63, 69.639, 335.564**, and if you desaturate by 10%, it is **72, 46.979, 334.009**.

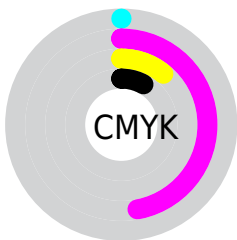
Distribution



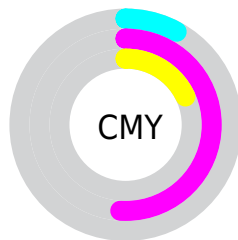
- Red (92%)
- Green (49%)
- Blue (82%)



- Red (92%)
- Yellow (49%)
- Blue (82%)



- Cyan (0%)
- Magenta (47%)
- Yellow (11%)
- Black (8%)





- Cyan (8%)
- Magenta (51%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 58.885, 334.765 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, 58.885, 334.765 by changing the saturation by 10% instead.

 67, 58.885,
334.765


 67, 58.885,
334.765


 100, 58.885,
334.765

 57, 58.885,
334.765

 87, 58.885,
334.765

 47, 58.885,
334.765

 97, 58.885,
334.765

 37, 58.885,
334.765

 27, 58.885,
334.765

 17, 58.885,
334.765

 7, 58.885, 334.765

 0, 58.885, 334.765

67, 58.885,
334.765

67, 58.885,
334.765

63, 69.639,
335.564

72, 46.979,
334.009

59, 78.663,
336.422

77, 34.431,
333.286

56, 85.377,
337.366

83, 21.622,
332.590

54, 89.377,
338.439

89, 8.821, 331.907

53, 90.649,
339.688

95, 3.799, 151.411

53, 90.747,
340.092

98, 10.166,
155.189

98, 8.446, 168.261

98, 7.337, 186.451

99, 7.096, 199.050

Harmonies

Complementary

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



67, 58.885, 334.765



85, 58.790, 147.305

Rectangle

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



67, 58.885, 334.765



67, 58.885, 24.765



67, 58.885, 154.765



67, 58.885, 204.765

Sweetspot

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



67, 58.882, 334.765



91, 19.090, 332.393



59, 62.718, 302.890



47, 13.194, 332.540



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, 58.882, 334.765



68, 73.499, 335.506



65, 45.727, 3.354



46, 7.219, 332.080



41, 75.023, 339.849



8, 32.919, 337.785

Inverse Universe

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



67, 58.882, 334.765



68, 73.499, 335.506



86, 39.300, 172.116



46, 7.219, 332.080



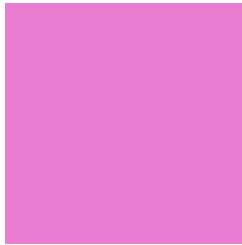
41, 75.023, 339.849



8, 32.919, 337.785

Previews

White Background



This preview shows how the CIELCh color 67, 58.885, 334.765 looks on a white background.

Color Contrast Check

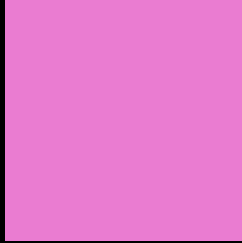
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 58.885, 334.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

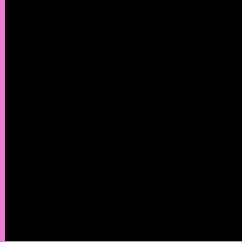
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 58.885, 334.765

Background



This preview shows how black text looks on a background with the CIELCh color 67, 58.885, 334.765.

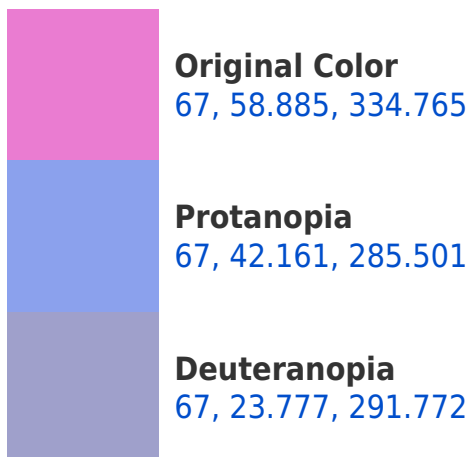


This preview shows how white text looks on a background with the CIELCh color 67, 58.885, 334.765.

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, 36.276, 14.760

Trichromacy



Original Color
67, 58.885, 334.765



Protanomaly
66, 44.732, 305.204



Deuteranomaly
66, 34.984, 316.062

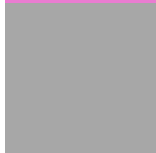


Tritanomaly
67, 41.733, 355.509

Monochromacy



Original Color
67, 58.885, 334.765



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 22.683, 332.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 58.885, 334.765 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, 124, 209)` looks like.

```
.text, #text, p{  
    color:rgb(234, 124, 209)  
}
```

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, 124, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 124, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 58.885, 334.765 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, 124, 209) }
```

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

```
.border{ border-color:rgb(234, 124, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 124, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 124, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 124, 209); box-shadow:4px 4px 4px 4px rgb(234, 124, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 58.885, 334.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 124, 209) }
```

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

```
.background{ background-color: rgb(234,  
124, 209) }
```

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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