

Converting Colors

CIELCh(67, 49.544, 345.054)

Have a look what the booklet for
CIELCh(67, 49.544, 345.054)
contains.

CIELCh(67, 49.573, 345.077)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 49.573, 345.077)

Conversions

Conversions Part 1

Format	Color
Hex	EA80BB
RGB	234, 128, 187
RGB Percent	92%, 50%, 73%
CMY	0.0814, 0.4971, 0.2657
CMYK	0.00, 0.45, 0.20, 0.08
HSL	327°, 72%, 71%
HSV	327°, 45%, 92%
XYZ	50.7591, 36.6320, 51.5411
YIQ	166.4200, 44.2370, 40.8210

Conversions

Conversions Part 2

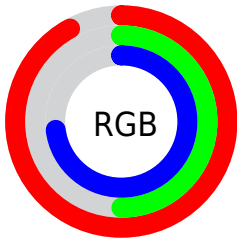
Format	Color
RYB	234, 128, 187
Decimal	15368379
CIELab	67.00, 47.90, -12.77
CIELCh	67, 49.573, 345.077
Yxy	36.6320, 0.3654, 0.2637
Android (android.graphics.Color)	4293558459 (0xFFEA80BB)
YUV	166.4200, 10.1459, 59.2677
Hunter-Lab	60.5244, 43.7824, -8.1229

Details

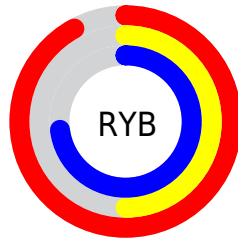
The CIELCh color $67, 49.573, 345.077$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $85, 47.816, 156.201$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 40.271, 331.154$, and $47, 49.518, 344.977$ is the 20% darker color. If you saturate the color by 10%, you get $62, 59.404, 346.437$, and if you desaturate by 10%, it is $72, 38.904, 343.908$.

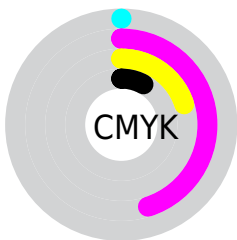
Distribution



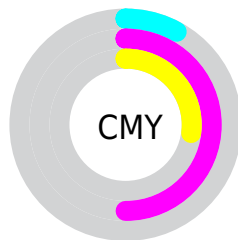
- Red (92%)
- Green (50%)
- Blue (73%)



- Red (92%)
- Yellow (50%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (20%)
- Black (8%)




- Cyan (8%)
- Magenta (50%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 49.573, 345.077 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, 49.573, 345.077 by changing the saturation by 10% instead.

 67, 49.573,
345.077


 67, 49.573,
345.077


 100, 49.573,
345.077


 57, 49.573,
345.077


 87, 49.573,
345.077

 47, 49.573,
345.077

 97, 49.573,
345.077

 37, 49.573,
345.077

 27, 49.573,
345.077

 17, 49.573,
345.077

 7, 49.573, 345.077

 0, 49.573, 345.077

67, 49.573,
345.077

67, 49.573,
345.077

62, 59.404,
346.437

72, 38.904,
343.908

58, 67.862,
348.059

78, 27.846,
342.877

55, 74.370,
350.048

84, 16.709,
341.947

53, 78.493,
352.539

90, 5.700, 341.063

96, 5.057, 160.461

51, 80.157,
355.677

98, 7.726, 177.992

51, 80.416,
357.355

99, 7.101, 199.049

Harmonies

Complementary

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



67, 49.573, 345.077



85, 47.816, 156.201

Rectangle

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



67, 49.573, 345.077



67, 49.573, 35.077



67, 49.573, 165.077



67, 49.573, 215.077

Sweetspot

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



67, 49.570, 345.078



91, 16.406, 341.841



62, 61.017, 309.288



47, 11.348, 342.034



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, 49.570, 345.078



68, 62.342, 346.290



66, 43.825, 19.359



46, 6.194, 341.438



39, 66.462, 356.687



8, 29.229, 351.042

Inverse Universe

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



67, 49.570, 345.078



68, 62.342, 346.290



87, 32.946, 190.719



46, 6.194, 341.438



39, 66.462, 356.687



8, 29.229, 351.042

Previews

White Background



This preview shows how the CIELCh color 67, 49.573, 345.077 looks on a white background.

Color Contrast Check

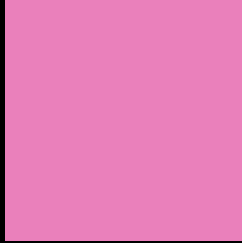
Large Text (above 18pt) WCAG AA × Fail

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, 49.573, 345.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

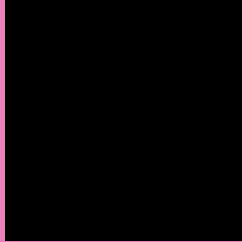
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 49.573, 345.077

Background



This preview shows how black text looks on a background with the CIELCh color 67, 49.573, 345.077.



This preview shows how white text looks on a background with the CIELCh color 67, 49.573, 345.077.

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, 49.573, 345.077

Protanopia
67, 26.641, 285.075

Deuteranopia
67, 13.518, 310.372



Tritanopia
67, 38.384, 15.518

Trichromacy



Original Color
67, 49.573, 345.077



Protanomaly
66, 30.908, 313.479



Deuteranomaly
67, 26.161, 332.662

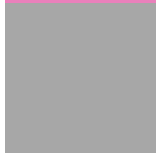


Tritanomaly
67, 41.146, 2.567

Monochromacy



Original Color
67, 49.573, 345.077



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 18.476, 342.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 49.573, 345.077 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(234, 128, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 128, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 49.573, 345.077 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, 187) }
```

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

```
.border{ border-color:rgb(234, 128, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 128, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 128, 187);  
box-shadow:4px 4px 4px 4px rgb(234, 128,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 49.573, 345.077 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, 187) }
```

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

```
.background{ background-color: rgb(234,  
128, 187) }
```

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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