

Converting Colors

CIELCh(67, 46.905, 346.126)

Have a look what the booklet for
CIELCh(67, 46.905, 346.126)
contains.

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Color

CIELCh(67, 47.108, 346.455)

Conversions

Conversions Part 1

Format	Color
Hex	E882B8
RGB	232, 130, 184
RGB Percent	91%, 51%, 72%
CMY	0.0898, 0.4898, 0.2780
CMYK	0.00, 0.44, 0.21, 0.09
HSL	328°, 69%, 71%
HSV	328°, 44%, 91%
XYZ	49.9736, 36.6320, 49.8410
YIQ	166.6540, 43.4580, 38.4180

Conversions

Conversions Part 2

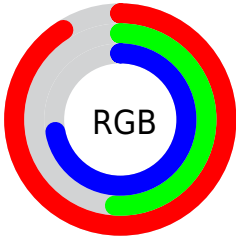
Format	Color
R _Y B	232, 130, 184
Decimal	15237816
CIE Lab	67.00, 45.80, -11.03
CIE LCh	67, 47.108, 346.455
Yxy	36.6320, 0.3663, 0.2685
Android (android.graphics.Color)	4293427896 (0xFFE882B8)
YUV	166.6540, 8.5516, 57.3084
Hunter-Lab	60.5244, 41.4660, -6.4575

Details

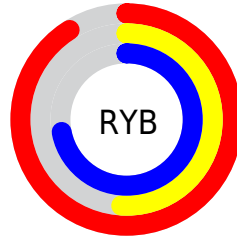
The CIELCh color $67, 47.108, 346.455$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $85, 45.146, 157.685$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 37.890, 332.832$, and $47, 47.134, 346.340$ is the 20% darker color. If you saturate the color by 10%, you get $62, 56.909, 347.866$, and if you desaturate by 10%, it is $72, 36.576, 345.248$.

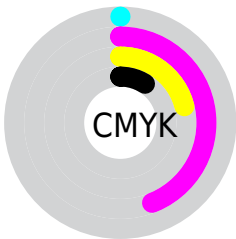
Distribution



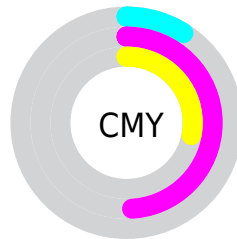
- Red (91%)
- Green (51%)
- Blue (72%)



- Red (91%)
- Yellow (51%)
- Blue (72%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (9%)




- Cyan (9%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 47.108, 346.455 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, 47.108, 346.455 by changing the saturation by 10% instead.

 67, 47.108,
346.455

 67, 47.108,
346.455

 100, 47.108,
346.455


 57, 47.108,
346.455


 87, 47.108,
346.455

 47, 47.108,
346.455

 97, 47.108,
346.455

 37, 47.108,
346.455

 27, 47.108,
346.455

 17, 47.108,
346.455

 7, 47.108, 346.455

 0, 47.108, 346.455

67, 47.108,
346.455

67, 47.108,
346.455

62, 56.909,
347.866

72, 36.576,
345.248

58, 65.467,
349.558

78, 25.733,
344.189

55, 72.214,
351.641

84, 14.866,
343.237

52, 76.697,
354.259

90, 4.161, 342.312

96, 6.273, 161.715

51, 78.797,
357.568

98, 8.393, 179.961

50, 79.274,
359.880

98, 7.818, 198.996

Harmonies

Complementary

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



67, 47.108, 346.455



85, 45.146, 157.685

Rectangle

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



67, 47.108, 346.455



67, 47.108, 36.455



67, 47.108, 166.455



67, 47.108, 216.455

Sweetspot

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



67, 47.105, 346.456



92, 14.943, 343.157



63, 58.919, 310.250



47, 10.479, 343.360



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, 47.105, 346.456



68, 60.432, 347.764



66, 42.389, 21.578



46, 6.079, 342.833



39, 65.939, 359.175



8, 28.909, 353.013

Inverse Universe

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



67, 47.105, 346.456



68, 60.432, 347.764



86, 31.497, 194.046



46, 6.079, 342.833



39, 65.939, 359.175



8, 28.909, 353.013

Previews

White Background



This preview shows how the CIELCh color 67, 47.108, 346.455 looks on a white background.

Color Contrast Check

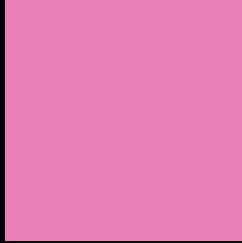
Large Text (above 18pt) WCAG AA × Fail

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, 47.108, 346.455 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, 47.108, 346.455

Background



This preview shows how black text looks on a background with the CIELCh color 67, 47.108, 346.455.

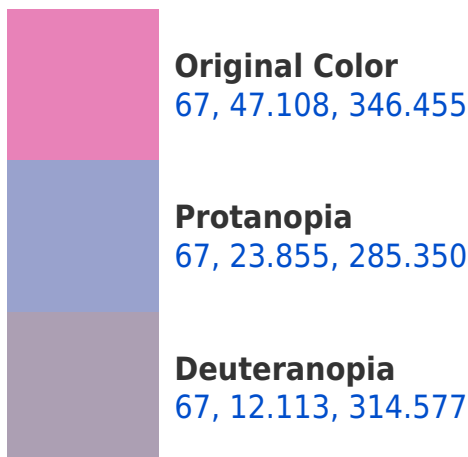


This preview shows how white text looks on a background with the CIELCh color 67, 47.108, 346.455.

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, 37.127, 15.075

Trichromacy



Original Color
67, 47.108, 346.455

Protanomaly
66, 28.519, 316.133

Deuteranomaly
67, 24.999, 335.224

Tritanomaly
67, 39.457, 3.016

Monochromacy



Original Color
67, 47.108, 346.455

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 17.528, 344.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 47.108, 346.455 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(232, 130, 184)` looks like.

```
.text, #text, p{  
    color:rgb(232, 130, 184)  
}
```

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(232, 130, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 130, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 47.108, 346.455 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(232, 130, 184) }
```

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

```
.border{ border-color:rgb(232, 130, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 130, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 130, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 130, 184);  
box-shadow:4px 4px 4px 4px rgb(232, 130,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 47.108, 346.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 130, 184) }
```

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

```
.background{ background-color: rgb(232,  
130, 184) }
```

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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