

Converting Colors

CIELCh(68, 50.048, 347.442)

Have a look what the booklet for
CIELCh(68, 50.048, 347.442)
contains.

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Color

CIELCh(68, 50.056, 347.373)

Conversions

Conversions Part 1

Format	Color
Hex	F082BB
RGB	240, 130, 187
RGB Percent	94%, 51%, 73%
CMY	0.0597, 0.4910, 0.2675
CMYK	0.00, 0.46, 0.22, 0.06
HSL	329°, 78%, 72%
HSV	329°, 46%, 94%
XYZ	52.7573, 37.9720, 51.4424
YIQ	169.3880, 47.2630, 41.0470

Conversions

Conversions Part 2

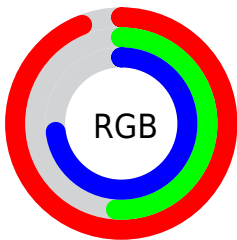
Format	Color
R _Y B	240, 130, 187
Decimal	15762107
CIE Lab	68.00, 48.85, -10.94
CIE LCh	68, 50.056, 347.373
Yxy	37.9720, 0.3711, 0.2671
Android (android.graphics.Color)	4293952187 (0xFFFF082BB)
YUV	169.3880, 8.6827, 61.9267
Hunter-Lab	61.6215, 44.9854, -6.3611

Details

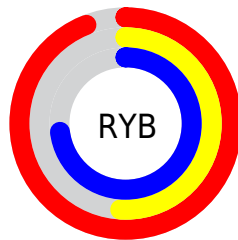
The CIELCh color **68, 50.056, 347.373** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87, 47.776, 157.972**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 39.031, 331.270**, and **48, 49.950, 347.487** is the 20% darker color. If you saturate the color by 10%, you get **63, 59.874, 348.872**, and if you desaturate by 10%, it is **73, 39.403, 346.102**.

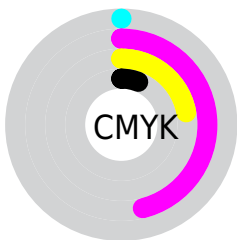
Distribution



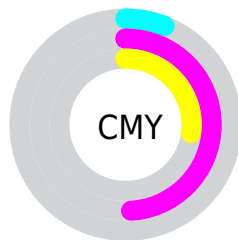
- Red (94%)
- Green (51%)
- Blue (73%)



- Red (94%)
- Yellow (51%)
- Blue (73%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (6%)





- Cyan (6%)
- Magenta (49%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 50.056, 347.373 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 68, 50.056, 347.373 by changing the saturation by 10% instead.


 68, 50.056,
347.373


 68, 50.056,
347.373


 100, 50.056,
347.373


 58, 50.056,
347.373


 88, 50.056,
347.373

 48, 50.056,
347.373

 98, 50.056,
347.373

 38, 50.056,
347.373

 28, 50.056,
347.373

 18, 50.056,
347.373

 8, 50.056, 347.373

 0, 50.056, 347.373

68, 50.056,
347.373

68, 50.056,
347.373

63, 59.874,
348.872

73, 39.403,
346.102

59, 68.315,
350.686

79, 28.369,
344.996

56, 74.806,
352.937

85, 17.271,
344.010

54, 78.935,
355.780

91, 6.316, 343.087

97, 4.373, 162.468

52, 80.689,
359.371

99, 5.241, 199.200

52, 81.033, 1.023

Harmonies

Complementary

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



68, 50.056, 347.373



87, 47.776, 157.972

Rectangle

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



68, 50.056, 347.373



68, 50.056, 37.373



68, 50.056, 167.373



68, 50.056, 217.373

Sweetspot

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



68, 50.053, 347.374



91, 15.990, 343.840



63, 63.227, 310.367



47, 11.063, 344.042



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 50.053, 347.374



67, 62.067, 348.761



67, 45.677, 21.962



47, 6.141, 343.421



40, 66.447, 0.257



8, 29.623, 354.171

Inverse Universe

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



68, 50.053, 347.374



67, 62.067, 348.761



88, 33.421, 193.939



47, 6.141, 343.421



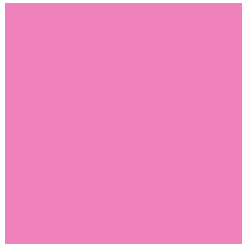
40, 66.447, 0.257



8, 29.623, 354.171

Previews

White Background



This preview shows how the CIELCh color 68, 50.056, 347.373 looks on a white background.

Color Contrast Check

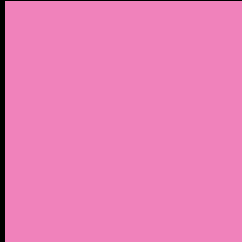
Large Text (above 18pt) WCAG AA × Fail

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 68, 50.056, 347.373 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 68, 50.056, 347.373

Background



This preview shows how black text looks on a background with the CIELCh color 68, 50.056, 347.373.



This preview shows how white text looks on a background with the CIELCh color 68, 50.056, 347.373.

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
68, 40.321, 15.370

Trichromacy



Original Color
68, 50.056, 347.373



Protanomaly
67, 30.214, 316.147



Deuteranomaly
68, 25.714, 337.171

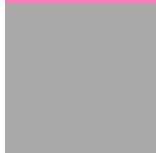


Tritanomaly
68, 42.547, 3.529

Monochromacy



Original Color
68, 50.056, 347.373



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 18.732, 345.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 50.056, 347.373 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(240, 130, 187)` looks like.

```
.text, #text, p{  
    color:rgb(240, 130, 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(240, 130, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 130, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 50.056, 347.373 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(240, 130, 187) }
```

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

```
.border{ border-color:rgb(240, 130, 187) }
```

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

Here you see how a box with a 4 pixel rgb(240, 130, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 130, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 130, 187);  
box-shadow:4px 4px 4px 4px rgb(240, 130,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 50.056, 347.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 130, 187) }
```

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

```
.background{ background-color: rgb(240,  
130, 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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