

Converting Colors

CIELCh(68, 61.999, 334.109)

Have a look what the booklet for
CIELCh(68, 61.999, 334.109)
contains.

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Color

CIELCh(68, 61.917, 334.083)

Conversions

Conversions Part 1

Format	Color
Hex	F07DD8
RGB	240, 125, 216
RGB Percent	94%, 49%, 85%
CMY	0.0604, 0.5112, 0.1544
CMYK	0.00, 0.48, 0.10, 0.06
HSL	313°, 79%, 71%
HSV	313°, 48%, 94%
XYZ	55.4377, 37.9720, 69.1224
YIQ	169.7590, 39.3290, 52.6810

Conversions

Conversions Part 2

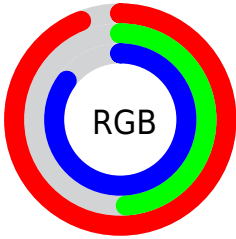
Format	Color
R _Y B	240, 125, 216
Decimal	15760856
CIE Lab	68.00, 55.69, -27.06
CIE LCh	68, 61.917, 334.083
Yxy	37.9720, 0.3411, 0.2336
Android (android.graphics.Color)	4293950936 (0xFFFF07DD8)
YUV	169.7590, 22.7968, 61.6014
Hunter-Lab	61.6215, 52.7499, -23.3721

Details

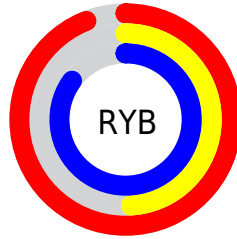
The CIELCh color **68, 61.917, 334.083** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **86, 61.947, 146.541**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 46.349, 326.028**, and **48, 62.140, 334.152** is the 20% darker color. If you saturate the color by 10%, you get **64, 72.834, 334.846**, and if you desaturate by 10%, it is **73, 49.747, 333.353**.

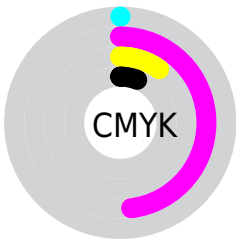
Distribution



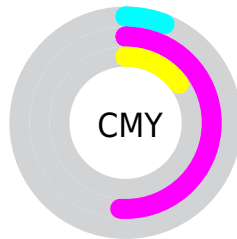
- Red (94%)
- Green (49%)
- Blue (85%)



- Red (94%)
- Yellow (49%)
- Blue (85%)



- Cyan (0%)
- Magenta (48%)
- Yellow (10%)
- Black (6%)





- Cyan (6%)
- Magenta (51%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 61.917, 334.083 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, 61.917, 334.083 by changing the saturation by 10% instead.


 68, 61.917,
334.083


 68, 61.917,
334.083


 100, 61.917,
334.083


 58, 61.917,
334.083


 88, 61.917,
334.083

 48, 61.917,
334.083


 98, 61.917,
334.083

 38, 61.917,
334.083

 28, 61.917,
334.083

 18, 61.917,
334.083

 8, 61.917, 334.083

 0, 61.917, 334.083

68, 61.917,
334.083

68, 61.917,
334.083

64, 72.834,
334.846

73, 49.747,
333.353

60, 81.904,
335.656

78, 36.861,
332.649

57, 88.547,
336.536

84, 23.664,
331.967

55, 92.385,
337.523

90, 10.444,
331.298

54, 93.502,
338.657

96, 2.608, 150.845

54, 93.573,
338.897

99, 7.237, 157.792

99, 5.812, 176.562

99, 5.295, 199.195

Harmonies

Complementary

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



68, 61.917, 334.083



86, 61.947, 146.541

Rectangle

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



68, 61.917, 334.083



68, 61.917, 24.083



68, 61.917, 154.083



68, 61.917, 204.083

Sweetspot

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



68, 61.914, 334.083



91, 19.345, 331.704



59, 65.347, 302.540



47, 13.370, 331.849



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, 61.914, 334.083



67, 76.576, 334.863



66, 47.765, 2.344



47, 7.447, 331.399



42, 76.839, 338.678



9, 34.276, 336.936

Inverse Universe

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



68, 61.914, 334.083



67, 76.576, 334.863



87, 41.322, 170.773



47, 7.447, 331.399



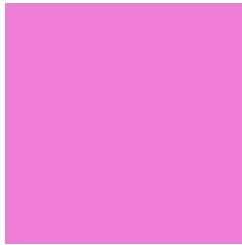
42, 76.839, 338.678



9, 34.276, 336.936

Previews

White Background



This preview shows how the CIELCh color 68, 61.917, 334.083 looks on a white background.

Color Contrast Check

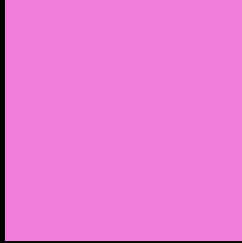
Large Text (above 18pt) WCAG AA × Fail

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, 61.917, 334.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

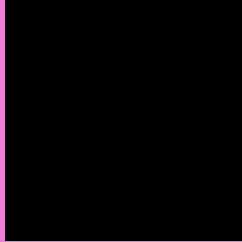
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 61.917, 334.083

Background



This preview shows how black text looks on a background with the CIELCh color 68, 61.917, 334.083.



This preview shows how white text looks on a background with the CIELCh color 68, 61.917, 334.083.

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
68, 61.917, 334.083

Protanopia
68, 45.346, 285.826

Deuteranopia
68, 25.349, 290.444



Tritanopia
68, 37.823, 14.474

Trichromacy



Original Color
68, 61.917, 334.083



Protanomaly
67, 47.925, 304.959



Deuteranomaly
67, 37.021, 315.239



Tritanomaly
68, 43.539, 354.663

Monochromacy



Original Color
68, 61.917, 334.083



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 23.907, 332.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 61.917, 334.083 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, 125, 216)` looks like.

```
.text, #text, p{  
    color:rgb(240, 125, 216)  
}
```

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, 125, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 125, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 61.917, 334.083 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, 125, 216) }
```

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

```
.border{ border-color:rgb(240, 125, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 125, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 125, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 125, 216);  
box-shadow:4px 4px 4px 4px rgb(240, 125,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 61.917, 334.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 125, 216) }
```

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

```
.background{ background-color: rgb(240,  
125, 216) }
```

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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