

Converting Colors

CIELCh(70, 54.957, 336.348)

Have a look what the booklet for
CIELCh(70, 54.957, 336.348)
contains.

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Color

CIELCh(70, 54.986, 336.489)

Conversions

Conversions Part 1

Format	Color
Hex	F187D4
RGB	241, 135, 212
RGB Percent	95%, 53%, 83%
CMY	0.0552, 0.4708, 0.1689
CMYK	0.00, 0.44, 0.12, 0.06
HSL	316°, 79%, 74%
HSV	316°, 44%, 94%
XYZ	56.7829, 40.7494, 67.1173
YIQ	175.4720, 38.4590, 46.4190

Conversions

Conversions Part 2

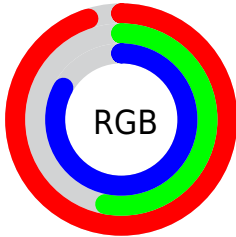
Format	Color
R _Y B	241, 135, 212
Decimal	15828948
CIE Lab	70.00, 50.42, -21.94
CIE LCh	70, 54.986, 336.489
Yxy	40.7494, 0.3449, 0.2475
Android (android.graphics.Color)	4294019028 (0xFFFF187D4)
YUV	175.4720, 18.0083, 57.4681
Hunter-Lab	63.8353, 47.0681, -17.6536

Details

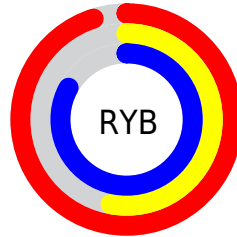
The CIELCh color **70, 54.986, 336.489** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87, 54.585, 149.291**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 40.132, 325.817**, and **50, 55.098, 336.599** is the 20% darker color. If you saturate the color by 10%, you get **65, 66.073, 337.375**, and if you desaturate by 10%, it is **75, 42.919, 335.669**.

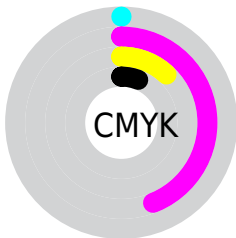
Distribution



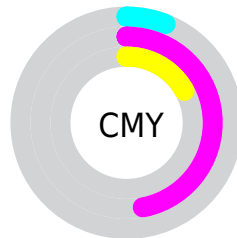
- Red (95%)
- Green (53%)
- Blue (83%)



- Red (95%)
- Yellow (53%)
- Blue (83%)



- Cyan (0%)
- Magenta (44%)
- Yellow (12%)
- Black (6%)




- Cyan (6%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 54.986, 336.489 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 70, 54.986, 336.489 by changing the saturation by 10% instead.

 70, 54.986,
336.489

 70, 54.986,
336.489


 100, 54.986,
336.489

 60, 54.986,
336.489

 90, 54.986,
336.489

 50, 54.986,
336.489

 40, 54.986,
336.489

 30, 54.986,
336.489

 20, 54.986,
336.489

 10, 54.986,
336.489

 0, 54.986, 336.489

70, 54.986,
336.489

70, 54.986,
336.489

65, 66.073,
337.375

75, 42.919,
335.669

61, 75.610,
338.349

81, 30.353,
334.898

58, 82.981,
339.450

87, 17.633,
334.166

56, 87.696,
340.733

93, 4.995, 333.428

99, 7.163, 153.231

54, 89.585,
342.264

99, 5.217, 179.133

54, 89.695,
343.304

99, 4.846, 199.235

Harmonies

Complementary

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



70, 54.986, 336.489



87, 54.585, 149.291

Rectangle

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



70, 54.986, 336.489



70, 54.986, 26.489



70, 54.986, 156.489



70, 54.986, 206.489

Sweetspot

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



70, 54.983, 336.489



92, 17.145, 334.098



63, 59.943, 304.062



48, 12.013, 334.257



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 54.983, 336.489



69, 68.066, 337.298



68, 43.350, 6.504



47, 7.110, 333.842



41, 73.390, 342.972



9, 32.893, 340.396

Inverse Universe

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



70, 54.983, 336.489



69, 68.066, 337.298



88, 36.550, 176.259



47, 7.110, 333.842



41, 73.390, 342.972



9, 32.893, 340.396

Previews

White Background



This preview shows how the CIELCh color 70, 54.986, 336.489 looks on a white background.

Color Contrast Check

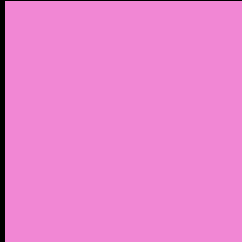
Large Text (above 18pt) WCAG AA × Fail

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 70, 54.986, 336.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

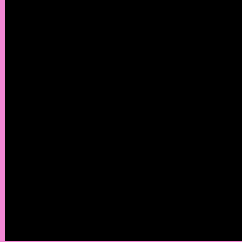
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 54.986, 336.489

Background



This preview shows how black text looks on a background with the CIELCh color 70, 54.986, 336.489.

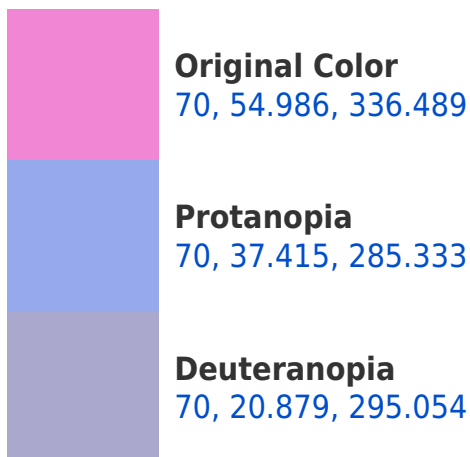


This preview shows how white text looks on a background with the CIELCh color 70, 54.986, 336.489.

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
70, 35.923, 13.684

Trichromacy



Original Color
70, 54.986, 336.489



Protanomaly
69, 40.161, 306.625



Deuteranomaly
70, 31.902, 318.968



Tritanomaly
70, 40.421, 356.071

Monochromacy



Original Color
70, 54.986, 336.489



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 21.078, 334.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 54.986, 336.489 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(241, 135, 212)` looks like.

```
.text, #text, p{  
    color:rgb(241, 135, 212)  
}
```

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(241, 135, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 135, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 54.986, 336.489 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(241, 135, 212) }
```

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

```
.border{ border-color:rgb(241, 135, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 135, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 135, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 135, 212);  
box-shadow:4px 4px 4px 4px rgb(241, 135,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 54.986, 336.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 135, 212) }
```

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

```
.background{ background-color: rgb(241,  
135, 212) }
```

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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