

Converting Colors

CIELCh(68, 52.371, 341.932)

Have a look what the booklet for
CIELCh(68, 52.371, 341.932)
contains.

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Color

CIELCh(68, 52.586, 342.000)

Conversions

Conversions Part 1

Format	Color
Hex	EE81C4
RGB	238, 129, 196
RGB Percent	93%, 51%, 77%
CMY	0.0657, 0.4932, 0.2305
CMYK	0.00, 0.46, 0.18, 0.07
HSL	323°, 76%, 72%
HSV	323°, 46%, 93%
XYZ	53.2080, 37.9720, 56.8820
YIQ	169.2290, 43.4570, 43.9450

Conversions

Conversions Part 2

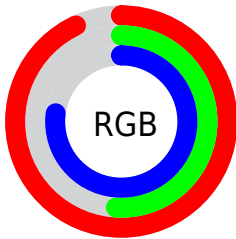
Format	Color
R _Y B	238, 129, 196
Decimal	15630788
CIE Lab	68.00, 50.01, -16.25
CIE LCh	68, 52.586, 342.000
Yxy	37.9720, 0.3594, 0.2565
Android (android.graphics.Color)	4293820868 (0xFFEE81C4)
YUV	169.2290, 13.1981, 60.3122
Hunter-Lab	61.6215, 46.2910, -11.5949

Details

The CIELCh color **68, 52.586, 342.000** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86, 51.373, 153.512**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 43.657, 326.749**, and **48, 52.761, 342.116** is the 20% darker color. If you saturate the color by 10%, you get **63, 62.732, 343.197**, and if you desaturate by 10%, it is **73, 41.490, 340.951**.

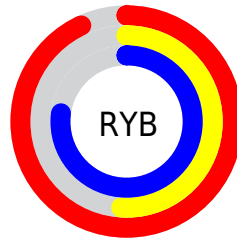
Distribution



Red (93%)

Green (51%)

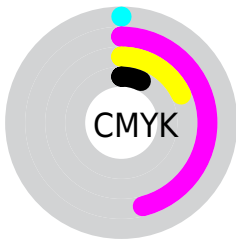
Blue (77%)



Red (93%)

Yellow (51%)

Blue (77%)

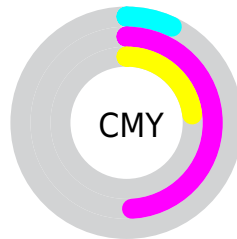


Cyan (0%)

Magenta (46%)

Yellow (18%)

Black (7%)



Cyan (7%)


Magenta (49%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 52.586, 342.000 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, 52.586, 342.000 by changing the saturation by 10% instead.

 68, 52.586,
342.000

 68, 52.586,
342.000

 100, 52.586,
342.000


 58, 52.586,
342.000


 88, 52.586,
342.000

 48, 52.586,
342.000

 98, 52.586,
342.000

 38, 52.586,
342.000

 28, 52.586,
342.000

 18, 52.586,
342.000

 8, 52.586, 342.000

 0, 52.586, 342.000

68, 52.586,
342.000

68, 52.586,
342.000

63, 62.732,
343.197

73, 41.490,
340.951

59, 71.367,
344.596

79, 29.920,
340.008

56, 77.895,
346.281

85, 18.214,
339.146

54, 81.874,
348.358

91, 6.598, 338.322

97, 4.786, 157.747

53, 83.230,
350.950

99, 6.119, 181.254

52, 83.324,
352.178

99, 5.759, 199.156

Harmonies

Complementary

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



68, 52.586, 342.000



86, 51.373, 153.512

Rectangle

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



68, 52.586, 342.000



68, 52.586, 32.000



68, 52.586, 162.000



68, 52.586, 212.000

Sweetspot

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



68, 52.583, 342.001



91, 17.076, 339.005



62, 62.342, 307.778



47, 11.808, 339.184



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, 52.583, 342.001



68, 65.486, 343.126



66, 44.653, 15.704



47, 6.565, 338.631



40, 68.748, 351.637



9, 30.880, 347.291

Inverse Universe

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



68, 52.583, 342.001



68, 65.486, 343.126



88, 34.600, 185.978



47, 6.565, 338.631



40, 68.748, 351.637



9, 30.880, 347.291

Previews

White Background



This preview shows how the CIELCh color 68, 52.586, 342.000 looks on a white background.

Color Contrast Check

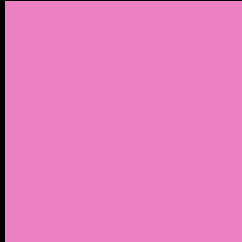
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 52.586, 342.000 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, 52.586, 342.000

Background



This preview shows how black text looks on a background with the CIELCh color 68, 52.586, 342.000.

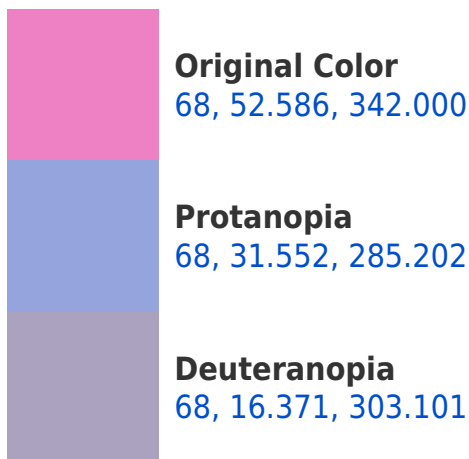


This preview shows how white text looks on a background with the CIELCh color 68, 52.586, 342.000.

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](#).

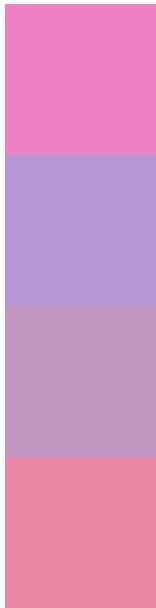
Dichromacy





Tritanopia
68, 38.246, 15.428

Trichromacy



Original Color
68, 52.586, 342.000

Protanomaly
67, 35.490, 310.734

Deuteranomaly
67, 28.809, 326.928

Tritanomaly
68, 41.771, 0.580

Monochromacy



Original Color
68, 52.586, 342.000

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 19.727, 339.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 52.586, 342.000 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(238, 129, 196)` looks like.

```
.text, #text, p{  
    color:rgb(238, 129, 196)  
}
```

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(238, 129, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 129, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 52.586, 342.000 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(238, 129, 196) }
```

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

```
.border{ border-color:rgb(238, 129, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 129, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 129, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 129, 196); box-shadow:4px 4px 4px 4px rgb(238, 129, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 52.586, 342.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 129, 196) }
```

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

```
.background{ background-color: rgb(238,  
129, 196) }
```

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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