

Converting Colors

CIELCh(68, 65.523, 341.094)

Have a look what the booklet for
CIELCh(68, 65.523, 341.094)
contains.

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Color

CIELCh(68, 65.085, 341.242)

Conversions

Conversions Part 1

Format	Color
Hex	FD75CD
RGB	253, 117, 205
RGB Percent	99%, 46%, 80%
CMY	0.0082, 0.5415, 0.1964
CMYK	0.00, 0.54, 0.19, 0.01
HSL	321°, 97%, 73%
HSV	321°, 54%, 99%
XYZ	57.8355, 37.9720, 61.9850
YIQ	167.6960, 52.8080, 56.2000

Conversions

Conversions Part 2

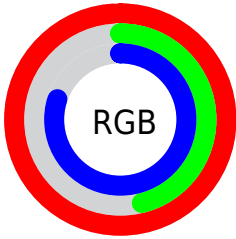
Format	Color
RYB	253, 117, 205
Decimal	16610765
CIELab	68.00, 61.63, -20.93
CIElCh	68, 65.085, 341.242
Yxy	37.9720, 0.3665, 0.2406
Android (android.graphics.Color)	4294800845 (0xFFFD75CD)
YUV	167.6960, 18.3909, 74.8116
Hunter-Lab	61.6215, 59.6956, -16.5047

Details

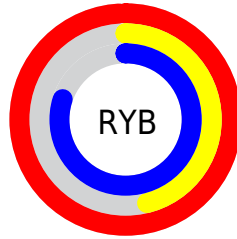
The CIELCh color **68, 65.085, 341.242** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 64.206, 151.033**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 50.659, 326.174**, and **48, 64.994, 340.978** is the 20% darker color. If you saturate the color by 10%, you get **64, 74.610, 342.484**, and if you desaturate by 10%, it is **73, 54.029, 340.161**.

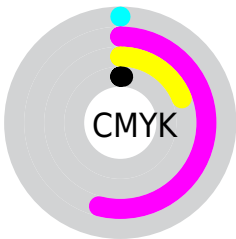
Distribution



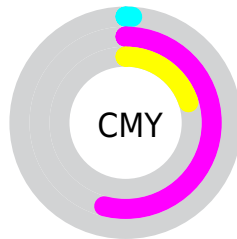
- Red (99%)
- Green (46%)
- Blue (80%)



- Red (99%)
- Yellow (46%)
- Blue (80%)



- Cyan (0%)
- Magenta (54%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (54%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 65.085, 341.242 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, 65.085, 341.242 by changing the saturation by 10% instead.


 68, 65.085,
341.242


 68, 65.085,
341.242


 100, 65.085,
341.242


 58, 65.085,
341.242


 88, 65.085,
341.242

 48, 65.085,
341.242

 98, 65.085,
341.242

 38, 65.085,
341.242

 28, 65.085,
341.242

 18, 65.085,
341.242

 8, 65.085, 341.242

 0, 65.085, 341.242

68, 65.085,
341.242

68, 65.085,
341.242

64, 74.610,
342.484

73, 54.029,
340.161

60, 81.979,
343.951

78, 42.047,
339.195

58, 86.672,
345.733

84, 29.611,
338.315

56, 88.518,
347.935

90, 17.063,
337.499

56, 88.572,
349.524

97, 4.633, 336.686

100, 0.726,
200.271

Harmonies

Complementary

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



68, 65.085, 341.242



90, 64.206, 151.033

Rectangle

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



68, 65.085, 341.242



68, 65.085, 31.242



68, 65.085, 161.242



68, 65.085, 211.242

Sweetspot

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



68, 65.082, 341.243



90, 19.992, 337.678



60, 77.343, 307.416



46, 13.514, 337.844



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, 65.082, 341.243



64, 76.143, 342.655



66, 55.519, 15.048



50, 7.068, 337.163



42, 72.018, 349.038



11, 33.964, 345.722

Inverse Universe

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



68, 65.082, 341.243



64, 76.143, 342.655



92, 42.053, 182.125



50, 7.068, 337.163



42, 72.018, 349.038



11, 33.964, 345.722

Previews

White Background



This preview shows how the CIELCh color 68, 65.085, 341.242 looks on a white background.

Color Contrast Check

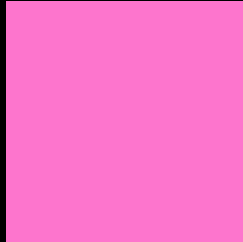
Large Text (above 18pt) WCAG AA × Fail

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, 65.085, 341.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

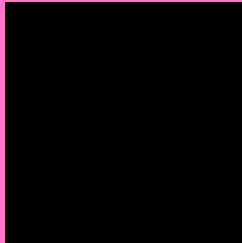
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 65.085, 341.242

Background



This preview shows how black text looks on a background with the CIELCh color 68, 65.085, 341.242.

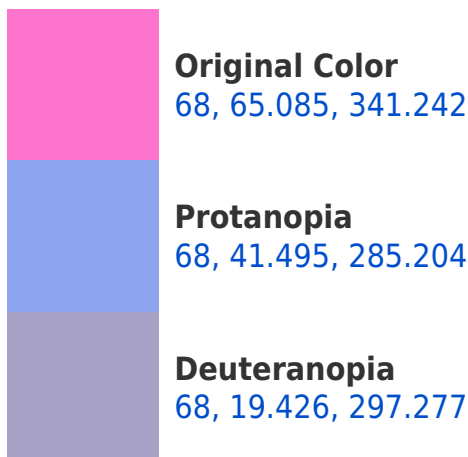


This preview shows how white text looks on a background with the CIELCh color 68, 65.085, 341.242.

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, 47.508, 18.273

Trichromacy



Original Color
68, 65.085, 341.242



Protanomaly
67, 45.851, 308.782



Deuteranomaly
67, 35.078, 324.844



Tritanomaly
68, 50.830, 1.998

Monochromacy



Original Color
68, 65.085, 341.242



Achromatopsia
69, 0.009, 296.813



Achromatomaly
67, 25.648, 338.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 65.085, 341.242 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(253, 117, 205)` looks like.

```
.text, #text, p{  
    color:rgb(253, 117, 205)  
}
```

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(253, 117, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 117, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 65.085, 341.242 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(253, 117, 205) }
```

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

```
.border{ border-color:rgb(253, 117, 205) }
```

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

Here you see how a box with a 4 pixel rgb(253, 117, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 117, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 117, 205);  
box-shadow:4px 4px 4px 4px rgb(253, 117,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 65.085, 341.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 117, 205) }
```

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

```
.background{ background-color: rgb(253,  
117, 205) }
```

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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