

Converting Colors

CIELCh(70, 66.076, 336.018)

Have a look what the booklet for
CIELCh(70, 66.076, 336.018)
contains.

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Color

CIELCh(70, 65.970, 336.033)

Conversions

Conversions Part 1

Format	Color
Hex	FD7DDD
RGB	253, 125, 221
RGB Percent	99%, 49%, 87%
CMY	0.0080, 0.5099, 0.1335
CMYK	0.00, 0.51, 0.13, 0.01
HSL	315°, 97%, 74%
HSV	315°, 51%, 99%
XYZ	60.8660, 40.7494, 73.0351
YIQ	174.2160, 45.4720, 56.9920

Conversions

Conversions Part 2

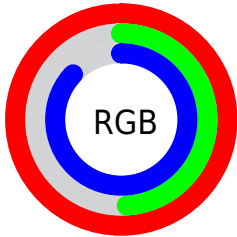
Format	Color
RYB	253, 125, 221
Decimal	16612829
CIELab	70.00, 60.28, -26.80
CIElCh	70, 65.970, 336.033
Yxy	40.7494, 0.3485, 0.2333
Android (android.graphics.Color)	4294802909 (0xFFFD7DDD)
YUV	174.2160, 23.0645, 69.0936
Hunter-Lab	63.8353, 58.4854, -23.1501

Details

The CIELCh color **70, 65.970, 336.033** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 65.897, 147.595**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 46.349, 326.028**, and **50, 66.059, 335.980** is the 20% darker color. If you saturate the color by 10%, you get **66, 76.630, 336.914**, and if you desaturate by 10%, it is **75, 53.866, 335.216**.

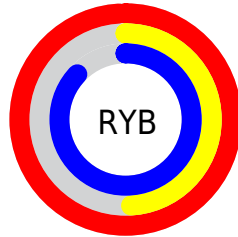
Distribution



Red (99%)

Green (49%)

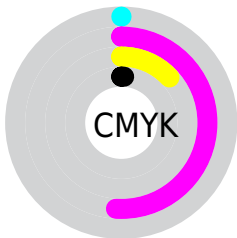
Blue (87%)



Red (99%)

Yellow (49%)

Blue (87%)

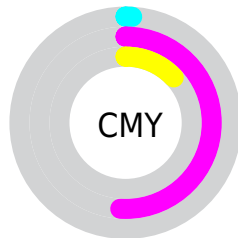


Cyan (0%)

Magenta (51%)

Yellow (13%)

Black (1%)



Cyan (1%)


Magenta (51%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 65.970, 336.033 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, 65.970, 336.033 by changing the saturation by 10% instead.


 70, 65.970,
336.033


 70, 65.970,
336.033


 100, 65.970,
336.033


 60, 65.970,
336.033


 90, 65.970,
336.033

 50, 65.970,
336.033

 40, 65.970,
336.033

 30, 65.970,
336.033

 20, 65.970,
336.033

 10, 65.970,
336.033

 0, 65.970, 336.033

70, 65.970,
336.033

70, 65.970,
336.033

66, 76.630,
336.914

75, 53.866,
335.216

62, 85.212,
337.885

81, 40.905,
334.446

59, 91.141,
338.986

86, 27.541,
333.714

58, 94.110,
340.274

93, 14.099,
333.009

57, 94.552,
341.686

99, 0.797, 331.895

100, 0.710,
200.294

Harmonies

Complementary

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



70, 65.970, 336.033



90, 65.897, 147.595

Rectangle

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



70, 65.970, 336.033



70, 65.970, 26.033



70, 65.970, 156.033



70, 65.970, 206.033

Sweetspot

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



70, 65.967, 336.033



90, 20.140, 333.318



61, 72.358, 303.809



47, 13.755, 333.467



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, 65.967, 336.033



66, 77.515, 336.953



68, 52.289, 5.406



50, 7.607, 332.933



43, 76.849, 341.399



11, 36.122, 339.429

Inverse Universe

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



70, 65.967, 336.033



66, 77.515, 336.953



92, 43.911, 172.844



50, 7.607, 332.933



43, 76.849, 341.399



11, 36.122, 339.429

Previews

White Background



This preview shows how the CIELCh color 70, 65.970, 336.033 looks on a white background.

Color Contrast Check

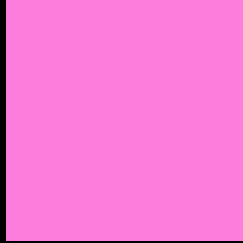
Large Text (above 18pt) WCAG AA × Fail

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, 65.970, 336.033 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, 65.970, 336.033

Background



This preview shows how black text looks on a background with the CIELCh color 70, 65.970, 336.033.



This preview shows how white text looks on a background with the CIELCh color 70, 65.970, 336.033.

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, 42.171, 16.615

Trichromacy



Original Color
70, 65.970, 336.033



Protanomaly
69, 49.985, 305.631



Deuteranomaly
69, 39.116, 317.260



Tritanomaly
70, 47.555, 357.397

Monochromacy



Original Color
70, 65.970, 336.033



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 25.811, 334.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 65.970, 336.033 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, 125, 221)` looks like.

```
.text, #text, p{  
    color:rgb(253, 125, 221)  
}
```

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, 125, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 125, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 65.970, 336.033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

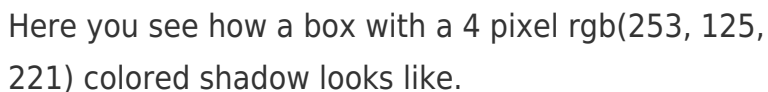
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 125, 221) }
```

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

```
.border{ border-color:rgb(253, 125, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 125, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 125, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 125, 221);  
box-shadow:4px 4px 4px 4px rgb(253, 125,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 65.970, 336.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 125, 221) }
```

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

```
.background{ background-color: rgb(253,  
125, 221) }
```

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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