

Converting Colors

CIELCh(70, 65.172, 337.818)

Have a look what the booklet for
CIELCh(70, 65.172, 337.818)
contains.

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Color

CIELCh(70, 65.006, 337.974)

Conversions

Conversions Part 1

Format	Color
Hex	FF7DD9
RGB	255, 125, 217
RGB Percent	100%, 49%, 85%
CMY	0.0016, 0.5112, 0.1505
CMYK	0.00, 0.51, 0.15, 0.00
HSL	318°, 99%, 74%
HSV	318°, 51%, 100%
XYZ	60.8573, 40.7494, 70.0498
YIQ	174.3580, 47.9480, 56.1720

Conversions

Conversions Part 2

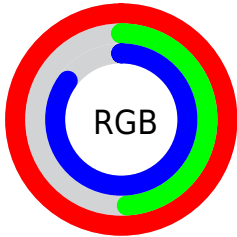
Format	Color
R _Y B	255, 125, 217
Decimal	16743897
CIE Lab	70.00, 60.26, -24.38
CIE LCh	70, 65.006, 337.974
Yxy	40.7494, 0.3545, 0.2374
Android (android.graphics.Color)	4294933977 (0xFFFF7DD9)
YUV	174.3580, 21.0225, 70.7230
Hunter-Lab	63.8353, 58.4610, -20.3773

Details

The CIELCh color **70, 65.006, 337.974** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 64.638, 149.053**, 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, 64.990, 338.063** is the 20% darker color. If you saturate the color by 10%, you get **66, 75.382, 338.978**, and if you desaturate by 10%, it is **75, 53.191, 337.067**.

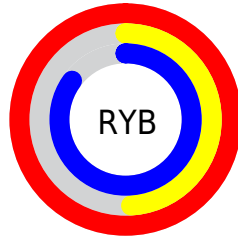
Distribution



Red (100%)

Green (49%)

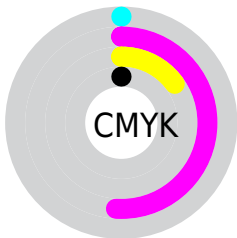
Blue (85%)



Red (100%)

Yellow (49%)

Blue (85%)

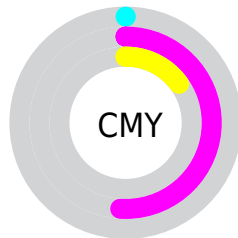


Cyan (0%)

Magenta (51%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 65.006, 337.974 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, 65.006, 337.974 by changing the saturation by 10% instead.


 70, 65.006,
337.974


 70, 65.006,
337.974


 100, 65.006,
337.974


 60, 65.006,
337.974


 90, 65.006,
337.974

 50, 65.006,
337.974

 40, 65.006,
337.974

 30, 65.006,
337.974

 20, 65.006,
337.974

 10, 65.006,
337.974

 0, 65.006, 337.974

70, 65.006,
337.974

70, 65.006,
337.974

66, 75.382,
338.978

75, 53.191,
337.067

62, 83.683,
340.116

81, 40.528,
336.230

59, 89.333,
341.447

87, 27.469,
335.447

57, 92.040,
343.044

93, 14.339,
334.704

57, 92.320,
344.735

99, 1.353, 333.747

100, 0.137,
204.239

Harmonies

Complementary

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



70, 65.006, 337.974



91, 64.638, 149.053

Rectangle

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



70, 65.006, 337.974



70, 65.006, 27.974



70, 65.006, 157.974



70, 65.006, 207.974

Sweetspot

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



70, 65.003, 337.974



90, 19.548, 334.995



61, 73.506, 305.271



47, 13.352, 335.151



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, 65.003, 337.974



66, 75.432, 338.973



68, 52.775, 9.299



50, 7.381, 334.591



43, 74.689, 344.364



11, 35.180, 341.880

Inverse Universe

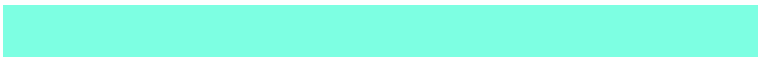
The Inverse Universe completely reimagines the original color for something new.



70, 65.003, 337.974



66, 75.432, 338.973



92, 42.701, 176.705



50, 7.381, 334.591



43, 74.689, 344.364



11, 35.180, 341.880

Previews

White Background



This preview shows how the CIELCh color 70, 65.006, 337.974 looks on a white background.

Color Contrast Check

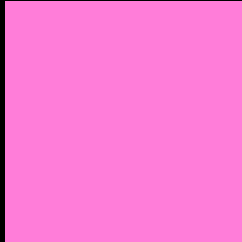
Large Text (above 18pt) WCAG AA × Fail

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, 65.006, 337.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

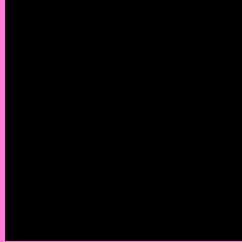
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 65.006, 337.974

Background



This preview shows how black text looks on a background with the CIELCh color 70, 65.006, 337.974.

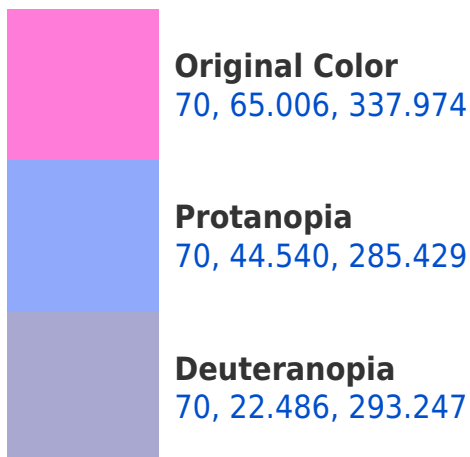


This preview shows how white text looks on a background with the CIELCh color 70, 65.006, 337.974.

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, 44.227, 16.551

Trichromacy



Original Color
70, 65.006, 337.974



Protanomaly
69, 47.992, 306.827



Deuteranomaly
69, 36.995, 320.063



Tritanomaly
70, 48.431, 358.820

Monochromacy



Original Color
70, 65.006, 337.974



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 25.431, 334.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 65.006, 337.974 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(255, 125, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 217)  
}
```

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(255, 125, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 65.006, 337.974 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(255, 125, 217) }
```

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

```
.border{ border-color:rgb(255, 125, 217) }
```

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

Here you see how a box with a 4 pixel rgb(255, 125, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 65.006, 337.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 217) }
```

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

```
.background{ background-color: rgb(255,  
125, 217) }
```

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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