

Converting Colors

CIELCh(70, 61.209, 342.789)

Have a look what the booklet for
CIELCh(70, 61.209, 342.789)
contains.

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Color

CIELCh(70, 60.798, 342.696)

Conversions

Conversions Part 1

Format	Color
Hex	FF7ECD
RGB	255, 126, 205
RGB Percent	100%, 49%, 80%
CMY	0.0000, 0.5046, 0.1948
CMYK	0.00, 0.50, 0.19, 0.00
HSL	323°, 100%, 75%
HSV	323°, 50%, 100%
XYZ	59.9236, 40.7494, 62.6635
YIQ	173.5770, 51.5250, 51.9170

Conversions

Conversions Part 2

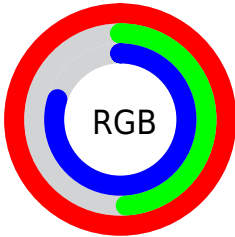
Format	Color
RYB	255, 126, 205
Decimal	16744141
CIELab	70.00, 58.05, -18.08
CIElCh	70, 60.798, 342.696
Yxy	40.7494, 0.3669, 0.2495
Android (android.graphics.Color)	4294934221 (0xFFFF7ECD)
YUV	173.5770, 15.4915, 71.4080
Hunter-Lab	63.8353, 55.8503, -13.5170

Details

The CIELCh color **70, 60.798, 342.696** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 59.378, 152.884**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 45.730, 326.007**, and **50, 61.114, 342.658** is the 20% darker color. If you saturate the color by 10%, you get **65, 70.733, 343.896**, and if you desaturate by 10%, it is **75, 49.416, 341.480**.

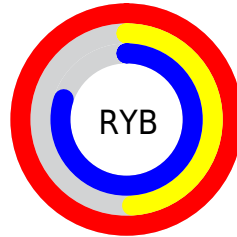
Distribution



Red (100%)

Green (49%)

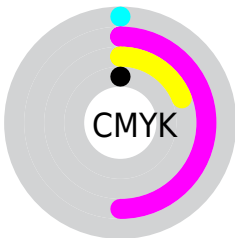
Blue (80%)



Red (100%)

Yellow (49%)

Blue (80%)

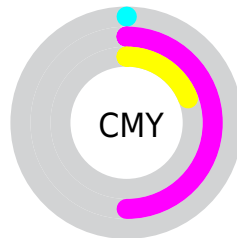


Cyan (0%)

Magenta (50%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 60.798, 342.696 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, 60.798, 342.696 by changing the saturation by 10% instead.


 70, 60.798,
342.696


 70, 60.798,
342.696


 100, 60.798,
342.696


 60, 60.798,
342.696


 90, 60.798,
342.696

 50, 60.798,
342.696

 40, 60.798,
342.696

 30, 60.798,
342.696

 20, 60.798,
342.696

 10, 60.798,
342.696

 0, 60.798, 342.696

70, 60.798,
342.696

70, 60.798,
342.696

65, 70.733,
343.896

75, 49.416,
341.480

62, 78.828,
345.434

81, 37.386,
340.485

59, 84.424,
347.310

87, 25.054,
339.583

57, 87.214,
349.646

93, 12.717,
338.747

56, 87.637,
352.361

100, 0.565,
337.247

100, 0.012,
296.813

Harmonies

Complementary

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



70, 60.798, 342.696



91, 59.378, 152.884

Rectangle

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



70, 60.798, 342.696



70, 60.798, 32.696



70, 60.798, 162.696



70, 60.798, 212.696

Sweetspot

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



70, 60.718, 342.602



90, 18.301, 339.120



63, 72.975, 308.136



47, 12.505, 339.297



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, 60.718, 342.602



65, 71.223, 343.972



68, 52.477, 16.777



50, 6.904, 338.668



42, 70.808, 351.789



11, 33.377, 347.980

Inverse Universe

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



70, 60.718, 342.602



65, 71.223, 343.972



93, 39.447, 185.527



50, 6.904, 338.668



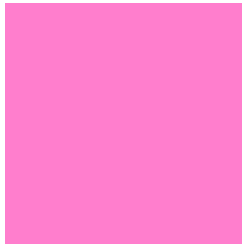
42, 70.808, 351.789



11, 33.377, 347.980

Previews

White Background



This preview shows how the CIELCh color 70, 60.798, 342.696 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, 60.798, 342.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

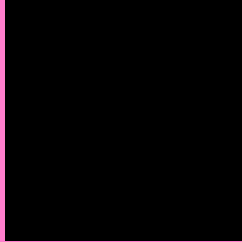
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 60.798, 342.696

Background



This preview shows how black text looks on a background with the CIELCh color 70, 60.798, 342.696.



This preview shows how white text looks on a background with the CIELCh color 70, 60.798, 342.696.

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



Original Color

70, 60.798, 342.696

Protanopia

70, 36.847, 285.589

Deuteranopia

70, 17.291, 301.257



Tritanopia
70, 45.129, 17.495

Trichromacy



Original Color
70, 60.798, 342.696



Protanomaly
69, 41.528, 310.642



Deuteranomaly
69, 32.709, 327.454



Tritanomaly
70, 48.174, 2.158

Monochromacy



Original Color
70, 60.798, 342.696



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 22.996, 339.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 60.798, 342.696 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, 126, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 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(255, 126, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 60.798, 342.696 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, 126, 205) }
```

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

```
.border{ border-color:rgb(255, 126, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 60.798, 342.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 205) }
```

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

```
.background{ background-color: rgb(255,  
126, 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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