

Converting Colors

CIELCh(70, 60.112, 340.598)

Have a look what the booklet for
CIELCh(70, 60.112, 340.598)
contains.

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Color

CIELCh(70, 60.249, 340.422)

Conversions

Conversions Part 1

Format	Color
Hex	FC80D1
RGB	252, 128, 209
RGB Percent	99%, 50%, 82%
CMY	0.0117, 0.4979, 0.1803
CMYK	0.00, 0.49, 0.17, 0.01
HSL	321°, 95%, 75%
HSV	321°, 49%, 99%
XYZ	59.3883, 40.7494, 65.0724
YIQ	174.3100, 47.9030, 51.4790

Conversions

Conversions Part 2

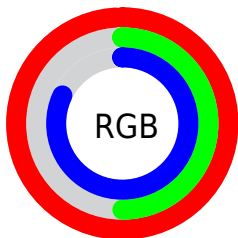
Format	Color
R _Y B	252, 128, 209
Decimal	16548049
CIE Lab	70.00, 56.77, -20.19
CIE LCh	70, 60.249, 340.422
Yxy	40.7494, 0.3595, 0.2467
Android (android.graphics.Color)	4294738129 (0xFFFC80D1)
YUV	174.3100, 17.1022, 68.1341
Hunter-Lab	63.8353, 54.3534, -15.7543

Details

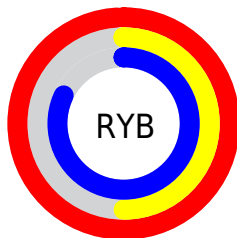
The CIELCh color **70, 60.249, 340.422** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 59.339, 151.424**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 44.490, 325.965**, and **50, 60.035, 340.657** is the 20% darker color. If you saturate the color by 10%, you get **65, 70.553, 341.565**, and if you desaturate by 10%, it is **75, 48.695, 339.412**.

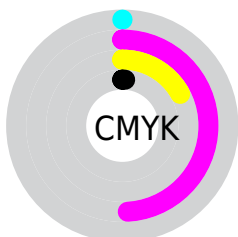
Distribution



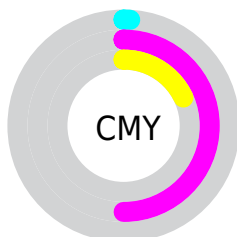
- Red (99%)
- Green (50%)
- Blue (82%)



- Red (99%)
- Yellow (50%)
- Blue (82%)



- Cyan (0%)
- Magenta (49%)
- Yellow (17%)
- Black (1%)





- Cyan (1%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 60.249, 340.422 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, 60.249, 340.422 by changing the saturation by 10% instead.


 70, 60.249,
340.422


 70, 60.249,
340.422


 100, 60.249,
340.422


 60, 60.249,
340.422


 90, 60.249,
340.422

 50, 60.249,
340.422

 40, 60.249,
340.422

 30, 60.249,
340.422

 20, 60.249,
340.422

 10, 60.249,
340.422

 0, 60.249, 340.422

70, 60.249,
340.422

70, 60.249,
340.422

65, 70.553,
341.565

75, 48.695,
339.412

62, 78.986,
342.893

81, 36.444,
338.500

59, 84.950,
344.482

87, 23.909,
337.660

57, 88.087,
346.429

93, 11.376,
336.869

56, 88.635,
348.812

99, 0.969, 156.623

55, 88.639,
349.013

100, 1.033,
199.981

Harmonies

Complementary

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



70, 60.249, 340.422



90, 59.339, 151.424

Rectangle

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



70, 60.249, 340.422



70, 60.249, 30.422



70, 60.249, 160.422



70, 60.249, 210.422

Sweetspot

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



70, 60.246, 340.423



90, 18.810, 337.325



62, 70.234, 306.552



47, 12.851, 337.492



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, 60.246, 340.423



66, 71.026, 341.545



68, 50.361, 12.681



49, 6.983, 336.892



42, 71.556, 348.520



10, 33.229, 345.148

Inverse Universe

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



70, 60.246, 340.423



66, 71.026, 341.545



92, 39.618, 181.145



49, 6.983, 336.892



42, 71.556, 348.520



10, 33.229, 345.148

Previews

White Background



This preview shows how the CIELCh color 70, 60.249, 340.422 looks on a white background.

Color Contrast Check

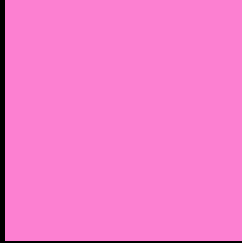
Large Text (above 18pt) WCAG AA × Fail

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, 60.249, 340.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

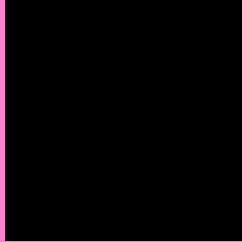
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 60.249, 340.422

Background



This preview shows how black text looks on a background with the CIELCh color 70, 60.249, 340.422.



This preview shows how white text looks on a background with the CIELCh color 70, 60.249, 340.422.

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, 42.979, 16.163

Trichromacy



Original Color
70, 60.249, 340.422



Protanomaly
69, 42.277, 308.888



Deuteranomaly
69, 33.440, 324.168



Tritanomaly
70, 46.497, 0.257

Monochromacy



Original Color
70, 60.249, 340.422



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 23.425, 337.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 60.249, 340.422 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(252, 128, 209)` looks like.

```
.text, #text, p{  
    color:rgb(252, 128, 209)  
}
```

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(252, 128, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 128, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 60.249, 340.422 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(252, 128, 209) }
```

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

```
.border{ border-color:rgb(252, 128, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 128, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 128, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 128, 209);  
box-shadow:4px 4px 4px 4px rgb(252, 128,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 60.249, 340.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 128, 209) }
```

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

```
.background{ background-color: rgb(252,  
128, 209) }
```

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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