

Converting Colors

CIELCh(81, 78.907, 0.082)

Have a look what the booklet for
CIELCh(81, 78.907, 0.082) contains.

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Color

CIELCh(70, 58.912, 343.479)

Conversions

Conversions Part 1

Format	Color
Hex	FE80CB
RGB	254, 128, 203
RGB Percent	100%, 50%, 80%
CMY	0.0047, 0.4984, 0.2044
CMYK	0.00, 0.50, 0.20, 0.00
HSL	324°, 98%, 75%
HSV	324°, 50%, 100%
XYZ	59.2692, 40.7494, 61.1712
YIQ	174.2240, 51.0210, 50.0370

Conversions

Conversions Part 2

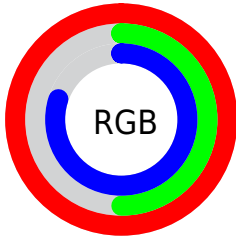
Format	Color
RYB	254, 128, 203
Decimal	16679115
CIELab	70.00, 56.48, -16.75
CIELCh	70, 58.912, 343.479
Yxy	40.7494, 0.3677, 0.2528
Android (android.graphics.Color)	4294869195 (0xFFFE80CB)
YUV	174.2240, 14.1866, 69.9636
Hunter-Lab	63.8353, 54.0204, -12.1309

Details

The CIELCh color **70, 58.912, 343.479** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 57.357, 153.800**, 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, 58.937, 343.538** is the 20% darker color. If you saturate the color by 10%, you get **65, 68.946, 344.818**, and if you desaturate by 10%, it is **75, 47.668, 342.326**.

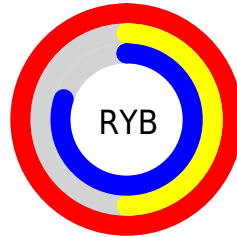
Distribution



Red (100%)

Green (50%)

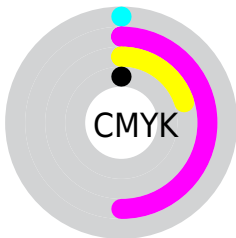
Blue (80%)



Red (100%)

Yellow (50%)

Blue (80%)

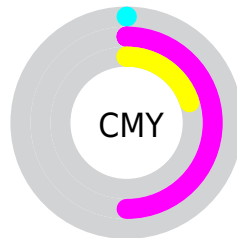


Cyan (0%)

Magenta (50%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 58.912, 343.479 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, 58.912, 343.479 by changing the saturation by 10% instead.


 70, 58.912,
343.479


 70, 58.912,
343.479


 100, 58.912,
343.479


 60, 58.912,
343.479


 90, 58.912,
343.479

 50, 58.912,
343.479

 40, 58.912,
343.479

 30, 58.912,
343.479

 20, 58.912,
343.479

 10, 58.912,
343.479

 0, 58.912, 343.479

70, 58.912,
343.479

70, 58.912,
343.479

65, 68.946,
344.818

75, 47.668,
342.326

61, 77.155,
346.415

81, 35.763,
341.307

58, 82.948,
348.373

87, 23.604,
340.387

56, 85.994,
350.819

93, 11.471,
339.535

55, 86.613,
353.837

100, 0.459,
159.781

55, 86.623,
353.962

100, 0.419,
200.961

Harmonies

Complementary

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



70, 58.912, 343.479



91, 57.357, 153.800

Rectangle

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



70, 58.912, 343.479



70, 58.912, 33.479



70, 58.912, 163.479



70, 58.912, 213.479

Sweetspot

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



70, 58.909, 343.480



90, 18.071, 339.989



63, 71.469, 308.572



47, 12.349, 340.170



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, 58.909, 343.480



65, 69.573, 344.878



68, 51.448, 17.832



50, 6.816, 339.527



42, 70.226, 353.357



11, 33.081, 349.267

Inverse Universe

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



70, 58.909, 343.480



65, 69.573, 344.878



92, 38.393, 187.176



50, 6.816, 339.527



42, 70.226, 353.357



11, 33.081, 349.267

Previews

White Background



This preview shows how the CIELCh color 70, 58.912, 343.479 looks on a white background.

Color Contrast Check

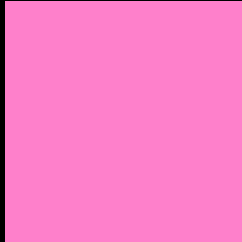
Large Text (above 18pt) WCAG AA × Fail

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, 58.912, 343.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

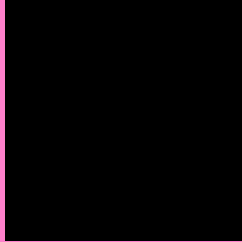
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 58.912, 343.479

Background



This preview shows how black text looks on a background with the CIELCh color 70, 58.912, 343.479.



This preview shows how white text looks on a background with the CIELCh color 70, 58.912, 343.479.

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, 44.276, 17.245

Trichromacy



Original Color
70, 58.936, 343.502



Protanomaly
69, 38.930, 311.779



Deuteranomaly
69, 31.210, 328.655



Tritanomaly
70, 47.342, 2.291

Monochromacy



Original Color
70, 58.936, 343.502



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, 58.912, 343.479 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(254, 128, 203)` looks like.

```
.text, #text, p{  
    color:rgb(254, 128, 203)  
}
```

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(254, 128, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 128, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 58.912, 343.479 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(254, 128, 203) }
```

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

```
.border{ border-color:rgb(254, 128, 203) }
```

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

Here you see how a box with a 4 pixel rgb(254, 128, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 128, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 128, 203);  
box-shadow:4px 4px 4px 4px rgb(254, 128,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 58.912, 343.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 128, 203) }
```

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

```
.background{ background-color: rgb(254,  
128, 203) }
```

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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