

Converting Colors

CIELCh(87, 90.203, 9.685)

Have a look what the booklet for
CIELCh(87, 90.203, 9.685) contains.

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Color

CIELCh(70, 55.790, 348.219)

Conversions

Conversions Part 1

Format	Color
Hex	FE81C1
RGB	254, 129, 193
RGB Percent	100%, 51%, 76%
CMY	0.0031, 0.4930, 0.2420
CMYK	0.00, 0.49, 0.24, 0.00
HSL	329°, 99%, 75%
HSV	329°, 49%, 100%
XYZ	58.4963, 40.7494, 55.4003
YIQ	173.6710, 53.9560, 46.4040

Conversions

Conversions Part 2

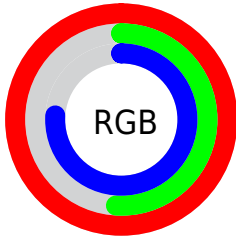
Format	Color
R_{YB}	254, 129, 193
Decimal	16679361
CIE _{Lab}	70.00, 54.61, -11.39
CIE _{LCh}	70, 55.790, 348.219
Yxy	40.7494, 0.3783, 0.2635
Android (android.graphics.Color)	4294869441 (0xFFFE81C1)
YUV	173.6710, 9.5292, 70.4485
Hunter-Lab	63.8353, 51.8590, -6.7710

Details

The CIELCh color **70, 55.790, 348.219** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 53.076, 157.801**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 41.400, 328.435**, and **50, 55.872, 348.595** is the 20% darker color. If you saturate the color by 10%, you get **65, 65.642, 349.842**, and if you desaturate by 10%, it is **75, 44.881, 346.859**.

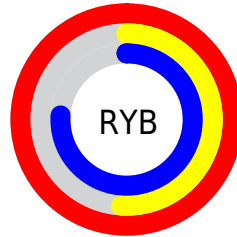
Distribution



Red (100%)

Green (51%)

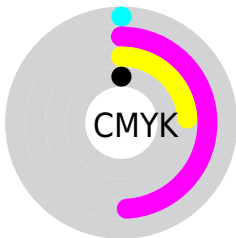
Blue (76%)



Red (100%)

Yellow (51%)

Blue (76%)

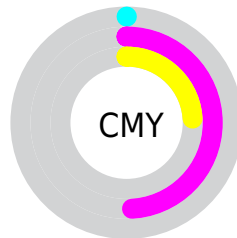


Cyan (0%)

Magenta (49%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 55.790, 348.219 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, 55.790, 348.219 by changing the saturation by 10% instead.


 70, 55.790,
348.219


 70, 55.790,
348.219


 100, 55.790,
348.219


 60, 55.790,
348.219


 90, 55.790,
348.219

 50, 55.790,
348.219

 40, 55.790,
348.219

 30, 55.790,
348.219

 20, 55.790,
348.219

 10, 55.790,
348.219

 0, 55.790, 348.219

70, 55.790,
348.219

70, 55.790,
348.219

65, 65.642,
349.842

75, 44.881,
346.859

61, 73.844,
351.828

81, 33.435,
345.687

58, 79.827,
354.316

87, 21.829,
344.653

56, 83.279,
357.471

94, 10.317,
343.712

55, 84.508, 1.391

100, 0.273,
201.819

55, 84.587, 1.745

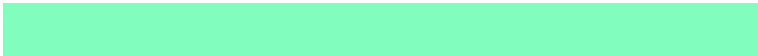
Harmonies

Complementary

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



70, 55.790, 348.219



91, 53.076, 157.801

Rectangle

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



70, 55.790, 348.219



70, 55.790, 38.219



70, 55.790, 168.219



70, 55.790, 218.219

Sweetspot

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



70, 55.787, 348.220



90, 17.082, 344.256



65, 71.260, 311.077



47, 11.679, 344.456



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, 55.787, 348.220



65, 65.675, 349.819



68, 52.042, 23.874



50, 6.435, 343.746



41, 68.393, 0.949



10, 31.990, 355.542

Inverse Universe

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



70, 55.787, 348.220



65, 65.675, 349.819



93, 36.641, 195.458



50, 6.435, 343.746



41, 68.393, 0.949



10, 31.990, 355.542

Previews

White Background



This preview shows how the CIELCh color 70, 55.790, 348.219 looks on a white background.

Color Contrast Check

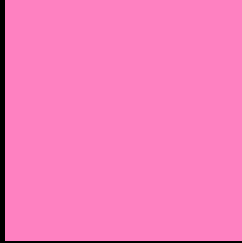
Large Text (above 18pt) WCAG AA × Fail

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, 55.790, 348.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

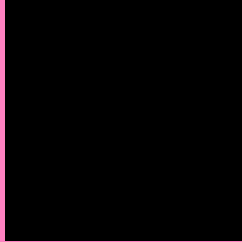
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 55.790, 348.219

Background



This preview shows how black text looks on a background with the CIELCh color 70, 55.790, 348.219.



This preview shows how white text looks on a background with the CIELCh color 70, 55.790, 348.219.

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, 55.816, 348.246

Protanopia

70, 27.525, 284.706

Deuteranopia

70, 12.160, 316.163



Tritanopia
70, 45.530, 17.602

Trichromacy



Original Color
70, 55.816, 348.246



Protanomaly
69, 33.109, 316.561



Deuteranomaly
69, 28.265, 338.175



Tritanomaly
70, 47.643, 5.925

Monochromacy



Original Color
70, 55.816, 348.246



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 21.092, 344.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 55.790, 348.219 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, 129, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 129, 193)  
}
```

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, 129, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 129, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 55.790, 348.219 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, 129, 193) }
```

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

```
.border{ border-color:rgb(254, 129, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 129, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 129, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 129, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 129,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 55.790, 348.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 129, 193) }
```

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

```
.background{ background-color: rgb(254,  
129, 193) }
```

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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