

Converting Colors

CIELCh(79, 75.055, 8.242)

Have a look what the booklet for
CIELCh(79, 75.055, 8.242) contains.

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Color

CIELCh(69, 53.790, 355.499)

Conversions

Conversions Part 1

Format	Color
Hex	FE7FB2
RGB	254, 127, 178
RGB Percent	100%, 50%, 70%
CMY	0.0052, 0.5027, 0.3027
CMYK	0.00, 0.50, 0.30, 0.01
HSL	336°, 98%, 75%
HSV	336°, 50%, 99%
XYZ	56.3361, 39.3444, 46.6488
YIQ	170.7870, 59.3210, 42.7850

Conversions

Conversions Part 2

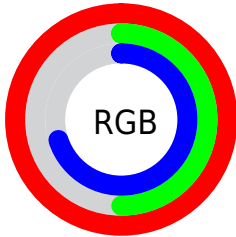
Format	Color
R_{YB}	254, 127, 178
Decimal	16678834
CIE _{Lab}	69.00, 53.62, -4.22
CIE _{LCh}	69, 53.790, 355.499
Yxy	39.3444, 0.3958, 0.2764
Android (android.graphics.Color)	4294868914 (0xFFFE7FB2)
YUV	170.7870, 3.5560, 72.9778
Hunter-Lab	62.7251, 50.5496, -0.1865

Details

The CIELCh color **69, 53.790, 355.499** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 48.928, 163.764**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 36.941, 335.983**, and **49, 53.778, 355.666** is the 20% darker color. If you saturate the color by 10%, you get **64, 63.435, 357.558**, and if you desaturate by 10%, it is **74, 43.257, 353.824**.

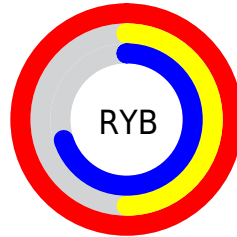
Distribution



Red (100%)

Green (50%)

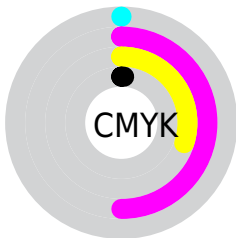
Blue (70%)



Red (100%)

Yellow (50%)

Blue (70%)

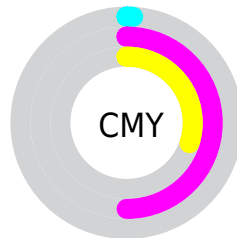


Cyan (0%)

Magenta (50%)

Yellow (30%)

Black (1%)



Cyan (1%)

Magenta (50%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 53.790, 355.499 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 69, 53.790, 355.499 by changing the saturation by 10% instead.

 69, 53.790,
355.499

 69, 53.790,
355.499

 100, 53.790,
355.499

 59, 53.790,
355.499

 89, 53.790,
355.499

 49, 53.790,
355.499

 99, 53.790,
355.499

 39, 53.790,
355.499

 29, 53.790,
355.499

 19, 53.790,
355.499

 9, 53.790, 355.499

 0, 53.790, 355.499

69, 53.790,
355.499

69, 53.790,
355.499

64, 63.435,
357.558

74, 43.257,
353.824

60, 71.646, 0.139

80, 32.322,
352.423

57, 77.930, 3.421

87, 21.334,
351.222

55, 82.090, 7.581

54, 84.631, 12.601

93, 10.522,
350.158

100, 0.021,
323.549

100, 0.460,
200.818

Harmonies

Complementary

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



69, 53.790, 355.499



91, 48.928, 163.764

Rectangle

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



69, 53.790, 355.499



69, 53.790, 45.499



69, 53.790, 175.499



69, 53.790, 225.499

Sweetspot

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



69, 53.787, 355.500



90, 15.950, 350.677



65, 73.014, 314.204



47, 10.914, 350.902



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 53.787, 355.500



65, 63.690, 357.559



70, 49.986, 30.709



50, 5.996, 350.107



41, 68.301, 11.608



10, 31.305, 4.614

Inverse Universe

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



69, 53.787, 355.500



65, 63.690, 357.559



90, 33.856, 206.795



50, 5.996, 350.107



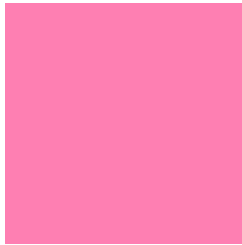
41, 68.301, 11.608



10, 31.305, 4.614

Previews

White Background



This preview shows how the CIELCh color 69, 53.790, 355.499 looks on a white background.

Color Contrast Check

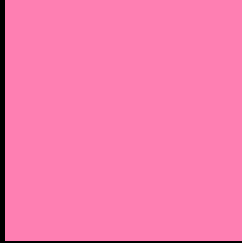
Large Text (above 18pt) WCAG AA × Fail

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 69, 53.790, 355.499 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 69, 53.790, 355.499

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.790, 355.499.

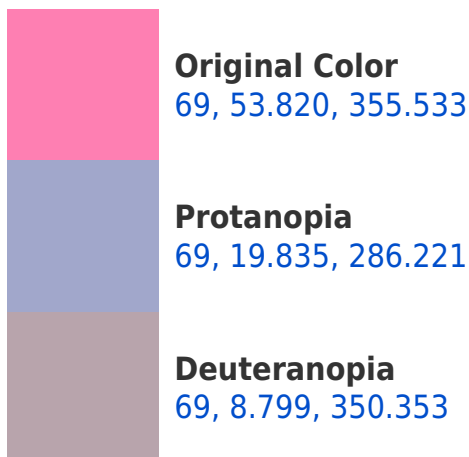


This preview shows how white text looks on a background with the CIELCh color 69, 53.790, 355.499.

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
69, 48.202, 18.402

Trichromacy



Original Color
69, 53.820, 355.533



Protanomaly
68, 27.925, 326.270



Deuteranomaly
68, 26.000, 351.857



Tritanomaly
69, 49.111, 9.376

Monochromacy



Original Color
69, 53.820, 355.533



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 20.143, 352.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.790, 355.499 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, 127, 178)` looks like.

```
.text, #text, p{  
    color:rgb(254, 127, 178)  
}
```

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, 127, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 127, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.790, 355.499 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, 127, 178) }
```

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

```
.border{ border-color:rgb(254, 127, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 127, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 127, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 127, 178);  
box-shadow:4px 4px 4px 4px rgb(254, 127,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.790, 355.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 127, 178) }
```

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

```
.background{ background-color: rgb(254,  
127, 178) }
```

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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