

Converting Colors

CIELCh(72, 58.224, 2.466)

Have a look what the booklet for
CIELCh(72, 58.224, 2.466) contains.

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Color

CIELCh(69, 52.544, 358.529)

Conversions

Conversions Part 1

Format	Color
Hex	FE80AD
RGB	254, 128, 173
RGB Percent	100%, 50%, 68%
CMY	0.0057, 0.4993, 0.3227
CMYK	0.00, 0.50, 0.32, 0.01
HSL	339°, 98%, 75%
HSV	339°, 50%, 99%
XYZ	55.8957, 39.3444, 44.0331
YIQ	170.8040, 60.6510, 40.7070

Conversions

Conversions Part 2

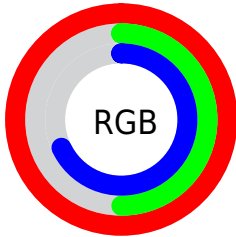
Format	Color
R_{YB}	254, 128, 173
Decimal	16679085
CIE _{Lab}	69.00, 52.53, -1.35
CIE _{LCh}	69, 52.544, 358.529
Yxy	39.3444, 0.4013, 0.2825
Android (android.graphics.Color)	4294869165 (0xFFFE80AD)
YUV	170.8040, 1.0826, 72.9629
Hunter-Lab	62.7251, 49.2962, 2.2859

Details

The CIELCh color **69, 52.544, 358.529** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **92, 46.754, 166.598**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 34.304, 339.958**, and **49, 52.758, 358.269** is the 20% darker color. If you saturate the color by 10%, you get **64, 62.289, 0.722**, and if you desaturate by 10%, it is **74, 42.033, 356.758**.

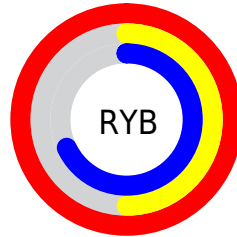
Distribution



Red (100%)

Green (50%)

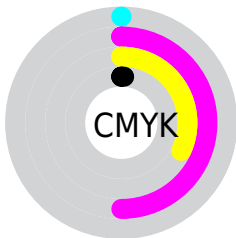
Blue (68%)



Red (100%)

Yellow (50%)

Blue (68%)

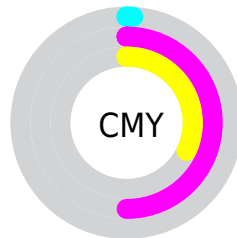


Cyan (0%)

Magenta (50%)

Yellow (32%)

Black (1%)



Cyan (1%)


Magenta (50%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 52.544, 358.529 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, 52.544, 358.529 by changing the saturation by 10% instead.


 69, 52.544,
358.529


 69, 52.544,
358.529


 100, 52.544,
358.529


 59, 52.544,
358.529


 89, 52.544,
358.529

 49, 52.544,
358.529

 99, 52.544,
358.529

 39, 52.544,
358.529

 29, 52.544,
358.529

 19, 52.544,
358.529

 9, 52.544, 358.529

 0, 52.544, 358.529

69, 52.544,
358.529

69, 52.544,
358.529

64, 62.289, 0.722

74, 42.033,
356.758

60, 70.750, 3.485

80, 31.219,
355.288

57, 77.457, 7.000

55, 82.234, 11.433

87, 20.424,
354.040

54, 85.554, 16.737

93, 9.860, 352.941

54, 85.676, 16.931

100, 0.357,
173.591

100, 0.508,
200.677

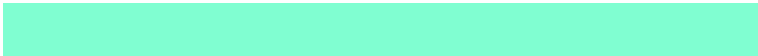
Harmonies

Complementary

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



69, 52.544, 358.529



92, 46.754, 166.598

Rectangle

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



69, 52.544, 358.529



69, 52.544, 48.529



69, 52.544, 178.529



69, 52.544, 228.529

Sweetspot

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



69, 52.541, 358.531



90, 15.560, 353.517



66, 72.805, 315.743



47, 10.652, 353.751



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, 52.541, 358.531



64, 62.911, 0.816



71, 47.765, 34.382



50, 5.842, 352.928



40, 69.054, 15.889



10, 31.297, 8.371

Inverse Universe

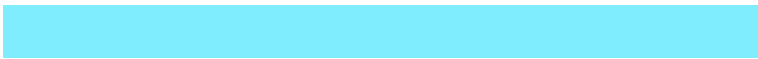
The Inverse Universe completely reimagines the original color for something new.



69, 52.541, 358.531



64, 62.911, 0.816



88, 32.360, 213.368



50, 5.842, 352.928



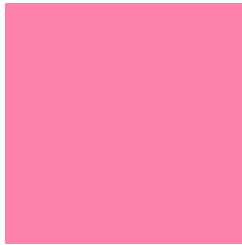
40, 69.054, 15.889



10, 31.297, 8.371

Previews

White Background



This preview shows how the CIELCh color 69, 52.544, 358.529 looks on a white background.

Color Contrast Check

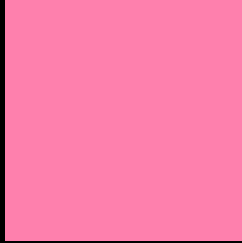
Large Text (above 18pt) WCAG AA × Fail

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, 52.544, 358.529 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, 52.544, 358.529

Background



This preview shows how black text looks on a background with the CIELCh color 69, 52.544, 358.529.

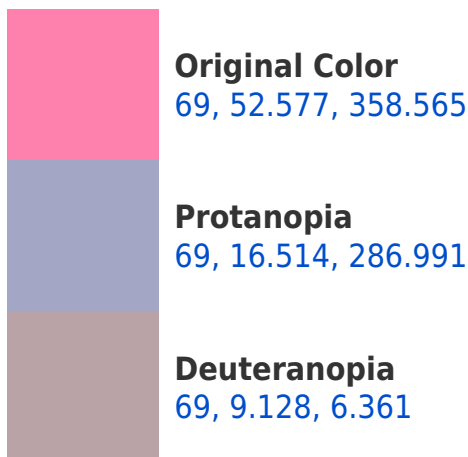


This preview shows how white text looks on a background with the CIELCh color 69, 52.544, 358.529.

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, 52.577, 358.565



Protanomaly
68, 24.942, 331.402



Deuteranomaly
68, 25.690, 358.317



Tritanomaly
69, 49.078, 10.633

Monochromacy



Original Color
69, 52.577, 358.565



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 19.353, 354.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 52.544, 358.529 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 128, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 128, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 52.544, 358.529 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, 173) }
```

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

```
.border{ border-color:rgb(254, 128, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 128, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 128, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 128,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 52.544, 358.529 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, 173) }
```

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

```
.background{ background-color: rgb(254,  
128, 173) }
```

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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