

Converting Colors

CIELCh(67, 59.153, 354.183)

Have a look what the booklet for
CIELCh(67, 59.153, 354.183)
contains.

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Color

CIELCh(67, 58.889, 354.078)

Conversions

Conversions Part 1

Format	Color
Hex	FE74B0
RGB	254, 116, 176
RGB Percent	100%, 45%, 69%
CMY	0.0045, 0.5456, 0.3103
CMYK	0.00, 0.54, 0.31, 0.00
HSL	334°, 98%, 72%
HSV	334°, 54%, 100%
XYZ	54.8722, 36.6320, 45.1851
YIQ	164.1020, 62.9880, 47.9160

Conversions

Conversions Part 2

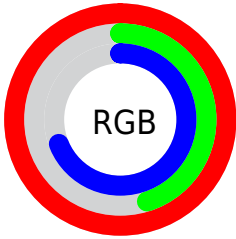
Format	Color
R_{YB}	254, 116, 176
Decimal	16676016
CIE _{Lab}	67.00, 58.57, -6.08
CIE _{LCh}	67, 58.889, 354.078
Yxy	36.6320, 0.4014, 0.2680
Android (android.graphics.Color)	4294866096 (0xFFFE74B0)
YUV	164.1020, 5.8657, 78.8405
Hunter-Lab	60.5244, 55.9128, -1.8966

Details

The CIELCh color $67, 58.889, 354.078$ is a light color, and the websafe version is hex FF6699 . A complement of this color would be $91, 54.172, 161.198$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 42.959, 335.711$, and $47, 59.104, 353.839$ is the 20% darker color. If you saturate the color by 10%, you get $63, 67.935, 356.208$, and if you desaturate by 10%, it is $72, 48.639, 352.351$.

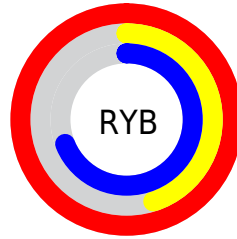
Distribution



Red (100%)

Green (45%)

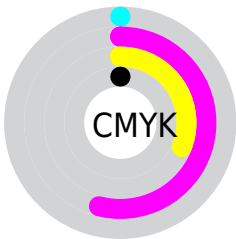
Blue (69%)



Red (100%)

Yellow (45%)

Blue (69%)

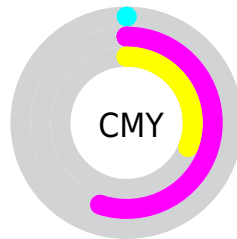


Cyan (0%)

Magenta (54%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (55%)

Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 58.889, 354.078 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 67, 58.889, 354.078 by changing the saturation by 10% instead.

 67, 58.889,
354.078


 67, 58.889,
354.078


 100, 58.889,
354.078

 57, 58.889,
354.078


 87, 58.889,
354.078

 47, 58.889,
354.078

 97, 58.889,
354.078

 37, 58.889,
354.078

 27, 58.889,
354.078

 17, 58.889,
354.078

 7, 58.889, 354.078

 0, 58.889, 354.078

67, 58.889,
354.078

67, 58.889,
354.078

63, 67.935,
356.208

72, 48.639,
352.351

59, 75.218,
358.887

78, 37.732,
350.913

56, 80.316, 2.296

84, 26.587,
349.684

55, 83.214, 6.598

90, 15.493,
348.607

54, 84.247, 9.360

97, 4.634, 347.588

100, 0.399,
201.042

Harmonies

Complementary

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



67, 58.889, 354.078



91, 54.172, 161.198

Rectangle

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



67, 58.889, 354.078



67, 58.889, 44.078



67, 58.889, 174.078



67, 58.889, 224.078

Sweetspot

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



67, 58.885, 354.079



90, 17.370, 348.776



62, 79.108, 313.362



46, 11.757, 348.992



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 58.885, 354.079



63, 68.712, 356.366



67, 56.505, 29.222



50, 6.118, 348.120



41, 68.037, 8.415



10, 31.411, 1.849

Inverse Universe

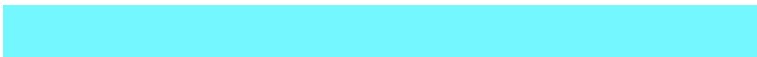
The Inverse Universe completely reimagines the original color for something new.



67, 58.885, 354.079



63, 68.712, 356.366



90, 37.022, 202.756



50, 6.118, 348.120



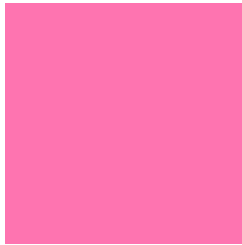
41, 68.037, 8.415



10, 31.411, 1.849

Previews

White Background



This preview shows how the CIELCh color 67, 58.889, 354.078 looks on a white background.

Color Contrast Check

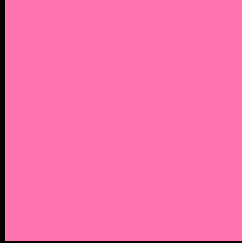
Large Text (above 18pt) WCAG AA × Fail

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 67, 58.889, 354.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

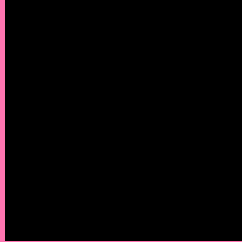
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 58.889, 354.078

Background



This preview shows how black text looks on a background with the CIELCh color 67, 58.889, 354.078.

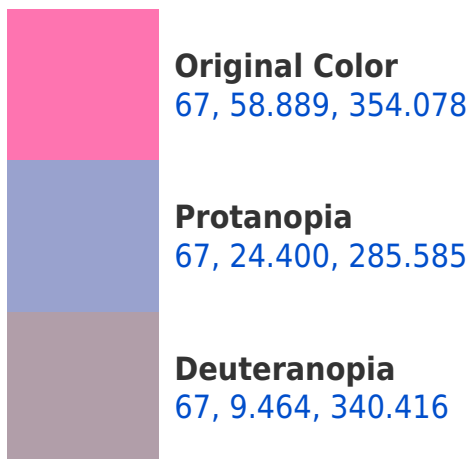


This preview shows how white text looks on a background with the CIELCh color 67, 58.889, 354.078.

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
67, 52.014, 20.139

Trichromacy



Original Color
67, 58.889, 354.078



Protanomaly
66, 32.091, 322.944



Deuteranomaly
66, 28.132, 349.312



Tritanomaly
67, 52.944, 9.563

Monochromacy



Original Color
67, 58.889, 354.078



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 22.982, 350.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 58.889, 354.078 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, 116, 176)` looks like.

```
.text, #text, p{  
    color:rgb(254, 116, 176)  
}
```

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, 116, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 116, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 58.889, 354.078 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, 116, 176) }
```

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

```
.border{ border-color:rgb(254, 116, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 116, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 116, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 116, 176);  
box-shadow:4px 4px 4px 4px rgb(254, 116,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 58.889, 354.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 116, 176) }
```

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

```
.background{ background-color: rgb(254,  
116, 176) }
```

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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