

Converting Colors

CIELCh(63, 61.577, 350.335)

Have a look what the booklet for
CIELCh(63, 61.577, 350.335)
contains.

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Color

CIELCh(63, 61.577, 350.335)

Conversions

Conversions Part 1

Format	Color
Hex	F367AD
RGB	243, 103, 173
RGB Percent	95%, 40%, 68%
CMY	0.0489, 0.5978, 0.3232
CMYK	0.00, 0.58, 0.29, 0.05
HSL	330°, 85%, 68%
HSV	330°, 58%, 95%
XYZ	49.1108, 31.5869, 42.8334
YIQ	152.8400, 60.9700, 51.4500

Conversions

Conversions Part 2

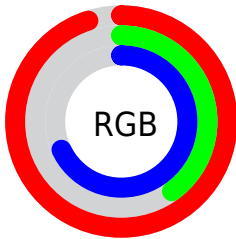
Format	Color
R _Y B	243, 103, 173
Decimal	15951789
CIE Lab	63.00, 60.70, -10.34
CIE LCh	63, 61.577, 350.335
Yxy	31.5869, 0.3976, 0.2557
Android (android.graphics.Color)	4294141869 (0xFFFF367AD)
YUV	152.8400, 9.9389, 79.0703
Hunter-Lab	56.2022, 57.6234, -5.8451

Details

The CIELCh color **63, 61.577, 350.335** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **87, 58.284, 157.157**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 49.381, 336.300**, and **43, 61.519, 350.117** is the 20% darker color. If you saturate the color by 10%, you get **59, 69.757, 352.308**, and if you desaturate by 10%, it is **68, 51.919, 348.723**.

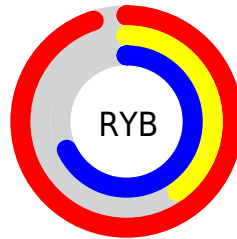
Distribution



Red (95%)

Green (40%)

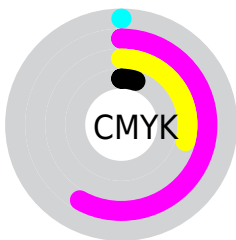
Blue (68%)



Red (95%)

Yellow (40%)

Blue (68%)

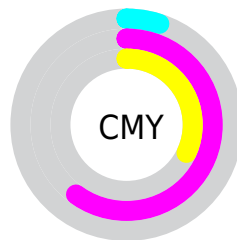


Cyan (0%)

Magenta (58%)

Yellow (29%)

Black (5%)



Cyan (5%)


Magenta (60%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 61.577, 350.335 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 63, 61.577, 350.335 by changing the saturation by 10% instead.


 63, 61.577,
350.335


 63, 61.577,
350.335


 100, 61.577,
350.335


 53, 61.577,
350.335


 83, 61.577,
350.335

 43, 61.577,
350.335

 93, 61.577,
350.335

 33, 61.577,
350.335

 23, 61.577,
350.335

 13, 61.577,
350.335

 3, 61.577, 350.335

 0, 61.577, 350.335

63, 61.577,
350.335

63, 61.577,
350.335

59, 69.757,
352.308

68, 51.919,
348.723

56, 75.915,
354.775

73, 41.359,
347.368

54, 79.699,
357.903

79, 30.360,
346.201

52, 81.250, 1.827

85, 19.263,
345.170

52, 81.493, 2.791

91, 8.291, 344.226

97, 2.420, 163.652

99, 4.301, 199.287

Harmonies

Complementary

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



63, 61.577, 350.335



87, 58.284, 157.157

Rectangle

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



63, 61.577, 350.335



63, 61.577, 40.335



63, 61.577, 170.335



63, 61.577, 220.335

Sweetspot

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



63, 61.574, 350.336



89, 19.248, 345.106



57, 80.617, 311.516



46, 12.899, 345.303



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 61.574, 350.336



61, 73.546, 352.637



61, 60.011, 25.869



48, 6.173, 344.392



40, 66.899, 2.002



9, 30.259, 355.882

Inverse Universe

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



63, 61.574, 350.336



61, 73.546, 352.637



88, 39.441, 195.117



48, 6.173, 344.392



40, 66.899, 2.002



9, 30.259, 355.882

Previews

White Background



This preview shows how the CIELCh color 63, 61.577, 350.335 looks on a white background.

Color Contrast Check

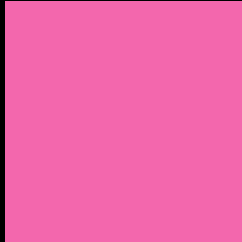
Large Text (above 18pt) WCAG AA × Fail

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 63, 61.577, 350.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

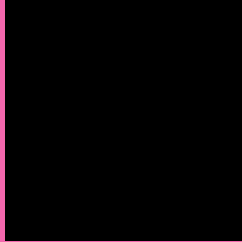
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 61.577, 350.335

Background



This preview shows how black text looks on a background with the CIELCh color 63, 61.577, 350.335.

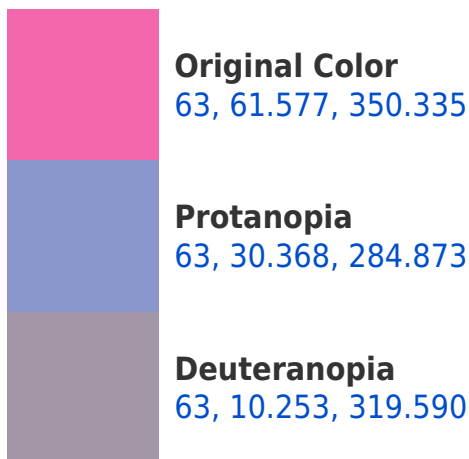


This preview shows how white text looks on a background with the CIELCh color 63, 61.577, 350.335.

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](#).

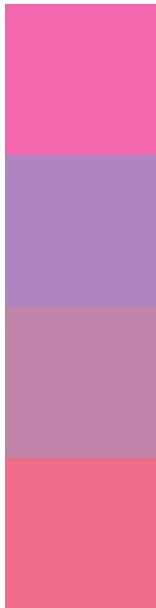
Dichromacy





Tritanopia
63, 51.919, 21.013

Trichromacy



Original Color
63, 61.577, 350.335

Protanomaly
61, 36.865, 317.056

Deuteranomaly
62, 29.908, 340.657

Tritanomaly
63, 53.448, 8.930

Monochromacy



Original Color
63, 61.577, 350.335

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 24.088, 346.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 61.577, 350.335 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(243, 103, 173)` looks like.

```
.text, #text, p{  
    color:rgb(243, 103, 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(243, 103, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 103, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 61.577, 350.335 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(243, 103, 173) }
```

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

```
.border{ border-color:rgb(243, 103, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 103, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 103, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 103, 173);  
box-shadow:4px 4px 4px 4px rgb(243, 103,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 61.577, 350.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 103, 173) }
```

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

```
.background{ background-color: rgb(243,  
103, 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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