

Converting Colors

CIELCh(63, 66.491, 352.929)

Have a look what the booklet for
CIELCh(63, 66.491, 352.929)
contains.

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Color

CIELCh(63, 66.491, 352.929)

Conversions

Conversions Part 1

Format	Color
Hex	FB5FA9
RGB	251, 95, 169
RGB Percent	98%, 37%, 66%
CMY	0.0154, 0.6271, 0.3370
CMYK	0.00, 0.62, 0.33, 0.02
HSL	332°, 95%, 68%
HSV	332°, 62%, 98%
XYZ	51.0762, 31.5869, 40.9731
YIQ	150.0800, 69.2220, 56.0860

Conversions

Conversions Part 2

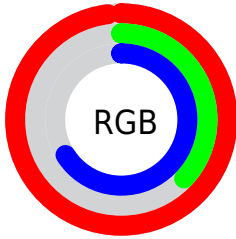
Format	Color
R _Y B	251, 95, 169
Decimal	16474025
CIE Lab	63.00, 65.99, -8.18
CIE LCh	63, 66.491, 352.929
Yxy	31.5869, 0.4131, 0.2555
Android (android.graphics.Color)	4294664105 (0xFFFB5FA9)
YUV	150.0800, 9.3276, 88.5068
Hunter-Lab	56.2022, 63.8655, -3.8826

Details

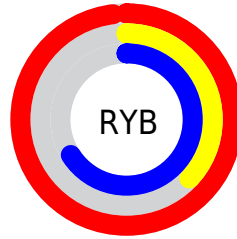
The CIELCh color **63, 66.491, 352.929** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **89, 62.282, 157.781**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 51.559, 337.499**, and **43, 66.382, 352.849** is the 20% darker color. If you saturate the color by 10%, you get **59, 74.053, 355.254**, and if you desaturate by 10%, it is **68, 57.195, 351.062**.

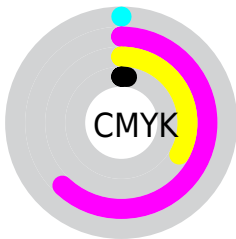
Distribution



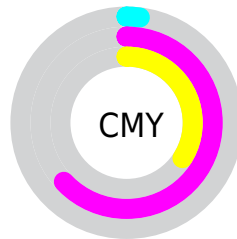
- Red (98%)
- Green (37%)
- Blue (66%)



- Red (98%)
- Yellow (37%)
- Blue (66%)



- Cyan (0%)
- Magenta (62%)
- Yellow (33%)
- Black (2%)





- Cyan (2%)
- Magenta (63%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 66.491, 352.929 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, 66.491, 352.929 by changing the saturation by 10% instead.


 63, 66.491,
352.929


 63, 66.491,
352.929


 100, 66.491,
352.929


 53, 66.491,
352.929


 83, 66.491,
352.929

 43, 66.491,
352.929

 93, 66.491,
352.929

 33, 66.491,
352.929

 23, 66.491,
352.929

 13, 66.491,
352.929

 3, 66.491, 352.929

 0, 66.491, 352.929

63, 66.491,
352.929

63, 66.491,
352.929

59, 74.053,
355.254

68, 57.195,
351.062

56, 79.400,
358.197

73, 46.763,
349.523

55, 82.368, 1.932

78, 35.718,
348.221

54, 83.457, 5.423

85, 24.460,
347.092

91, 13.266,
346.086

97, 2.304, 345.024

100, 1.364,
199.805

Harmonies

Complementary

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



63, 66.491, 352.929



89, 62.282, 157.781

Rectangle

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



63, 66.491, 352.929



63, 66.491, 42.929



63, 66.491, 172.929



63, 66.491, 222.929

Sweetspot

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



63, 66.487, 352.930



88, 21.204, 346.768



56, 89.094, 312.679



45, 14.632, 347.065



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, 66.487, 352.930



59, 76.763, 356.045



62, 66.800, 29.102



49, 6.172, 345.833



40, 67.374, 4.535



10, 30.846, 358.268

Inverse Universe

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



63, 66.487, 352.930



59, 76.763, 356.045



90, 41.317, 198.757



49, 6.172, 345.833



40, 67.374, 4.535



10, 30.846, 358.268

Previews

White Background



This preview shows how the CIELCh color 63, 66.491, 352.929 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, 66.491, 352.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

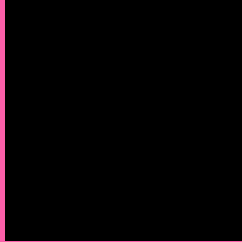
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 66.491, 352.929

Background



This preview shows how black text looks on a background with the CIELCh color 63, 66.491, 352.929.

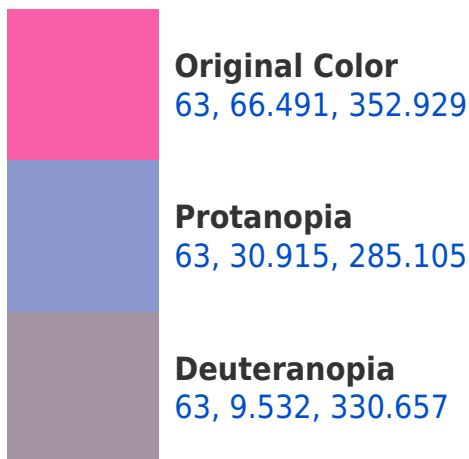


This preview shows how white text looks on a background with the CIELCh color 63, 66.491, 352.929.

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](#).

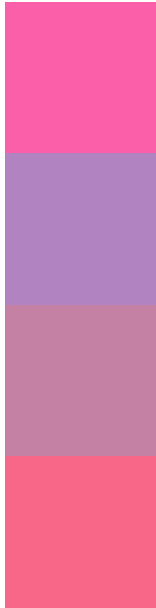
Dichromacy





Tritanopia
63, 58.837, 22.725

Trichromacy



Original Color
63, 66.491, 352.929

Protanomaly
61, 38.574, 318.924

Deuteranomaly
62, 31.971, 345.624

Tritanomaly
63, 59.184, 10.853

Monochromacy



Original Color
63, 66.491, 352.929

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 26.644, 347.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 66.491, 352.929 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(251, 95, 169)` looks like.

```
.text, #text, p{  
    color:rgb(251, 95, 169)  
}
```

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(251, 95, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 95, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 66.491, 352.929 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(251, 95, 169) }
```

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

```
.border{ border-color:rgb(251, 95, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 95, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 95, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 95, 169);  
box-shadow:4px 4px 4px 4px rgb(251, 95,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 66.491, 352.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 95, 169) }
```

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

```
.background{ background-color: rgb(251, 95,  
169) }
```

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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