

# Converting Colors

CIELCh(47, 58.223, 352.574)

Have a look what the booklet for  
CIELCh(47, 58.223, 352.574)  
contains.

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**Color**

**CIELCh(47, 58.157, 352.491)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C03D7E
RGB	192, 61, 126
RGB Percent	75%, 24%, 49%
CMY	0.2475, 0.7612, 0.5063
CMYK	0.00, 0.68, 0.34, 0.25
HSL	330°, 52%, 50%
HSV	330°, 68%, 75%
XYZ	27.1299, 16.0195, 21.3659
YIQ	107.5790, 57.2110, 47.9870

# Conversions

## Conversions Part 2

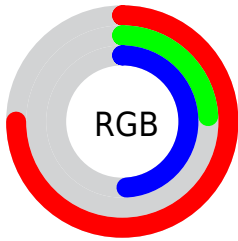
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 61, 126
Decimal	12598654
CIE Lab	47.00, 57.66, -7.60
CIE LCh	47, 58.157, 352.491
Yxy	16.0195, 0.4205, 0.2483
Android (android.graphics.Color)	4290788734 (0xFFC03D7E)
YUV	107.5790, 9.0816, 74.0372
Hunter-Lab	40.0243, 50.9509, -3.6334

# Details

The CIELCh color **47, 58.157, 352.491** is a dark color, and the websafe version is hex **993366**. The color can be described as dark muted rose. A complement of this color would be **70, 55.299, 155.760**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 58.389, 352.294**, and **28, 53.860, 354.140** is the 20% darker color. If you saturate the color by 10%, you get **44, 63.342, 354.922**, and if you desaturate by 10%, it is **50, 51.339, 350.544**.

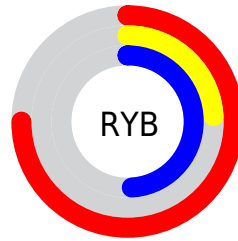
# Distribution



Red (75%)

Green (24%)

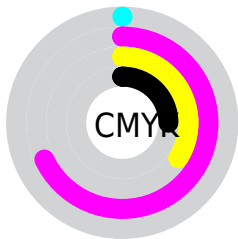
Blue (49%)



Red (75%)

Yellow (24%)

Blue (49%)

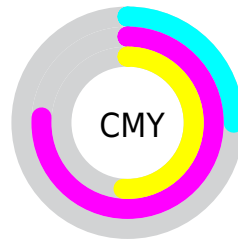


Cyan (0%)

Magenta (68%)

Yellow (34%)

Black (25%)



Cyan (25%)

Magenta (76%)

Yellow (51%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 58.157, 352.491 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 47, 58.157, 352.491 by changing the saturation by 10% instead.




 47, 58.157,  
352.491

 47, 58.157,  
352.491


 100, 58.157,  
352.491


 37, 58.157,  
352.491

 67, 58.157,  
352.491

 27, 58.157,  
352.491

 77, 58.157,  
352.491

 17, 58.157,  
352.491

 87, 58.157,  
352.491

 7, 58.157, 352.491

 97, 58.157,  
352.491

 0, 58.157, 352.491

 47, 58.157,

 47, 58.157,

352.491

44, 63.342,  
354.922

43, 66.611,  
357.992

41, 68.141, 1.795

41, 68.376, 2.480

352.491

50, 51.339,  
350.544

54, 43.345,  
348.947

59, 34.623,  
347.603

63, 25.548,  
346.443

68, 16.392,  
345.419

73, 7.337, 344.483

79, 1.508, 163.979

84, 10.083,  
163.009

■ 89, 18.365,  
162.305

# Harmonies

# Complementary

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



47, 58.157, 352.491



70, 55.299, 155.760

# Rectangle

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



47, 58.157, 352.491



47, 58.157, 42.491



47, 58.157, 172.491



47, 58.157, 222.491

# Sweetspot

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



47, 58.154, 352.492



86, 22.283, 345.621



41, 78.245, 312.378



44, 15.234, 345.905



99, 0.012, 296.813



52, 0.007, 296.813





# Same Dimension

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



47, 58.154, 352.492



56, 79.572, 356.382



45, 60.098, 29.783



38, 5.079, 344.585



34, 60.005, 1.852



3, 15.798, 352.558



# Inverse Universe

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



47, 58.154, 352.492



56, 79.572, 356.382



71, 35.905, 196.711



38, 5.079, 344.585



34, 60.005, 1.852



3, 15.798, 352.558



# Previews

## White Background



This preview shows how the CIELCh color 47, 58.157, 352.491 looks on a white background.

## Color Contrast Check

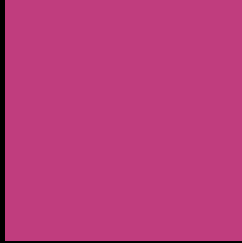
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the CIE LCh color 47, 58.157, 352.491 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

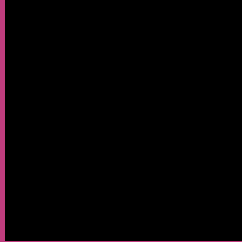
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# CIELCh 47, 58.157, 352.491

## Background



This preview shows how black text looks on a background with the CIELCh color 47, 58.157, 352.491.

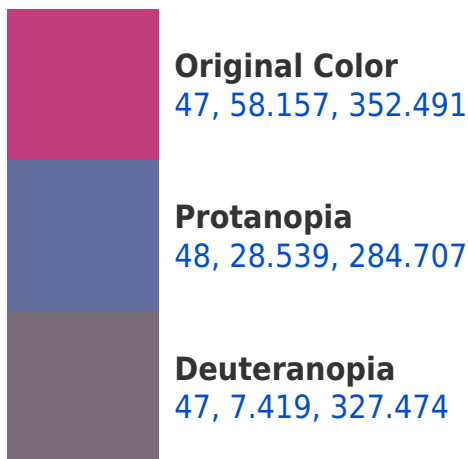


This preview shows how white text looks on a background with the CIELCh color 47, 58.157, 352.491.

# 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**  
47, 51.582, 25.279

# Trichromacy



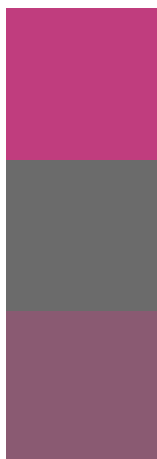
**Original Color**  
47, 58.157, 352.491

**Protanomaly**  
45, 35.097, 317.963

**Deuteranomaly**  
46, 27.752, 344.015

**Tritanomaly**  
47, 51.428, 12.319

# Monochromacy



**Original Color**  
47, 58.157, 352.491

**Achromatopsia**  
45, 0.006, 296.813

**Achromatomaly**  
44, 24.111, 346.859

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 47, 58.157, 352.491 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(192, 61, 126)` looks like.

```
.text, #text, p{  
    color:rgb(192, 61, 126)  
}
```

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(192, 61, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 61, 126) }
```

## Border

The CSS property to change the border of an element to CIELCh 47, 58.157, 352.491 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(192, 61, 126) }
```

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

```
.border{ border-color:rgb(192, 61, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 61, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 61, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 61, 126);  
box-shadow:4px 4px 4px 4px rgb(192, 61,  
126) }
```

# Background

The CSS property to change the background color of an element to CIELCh 47, 58.157, 352.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 61, 126) }
```

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

```
.background{ background-color: rgb(192, 61,  
126) }
```

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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