

Converting Colors

CIELCh(47, 72.336, 334.742)

Have a look what the booklet for
CIELCh(47, 72.336, 334.742)
contains.

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Color

CIELCh(47, 72.410, 334.715)

Conversions

Conversions Part 1

Format	Color
Hex	BE34A5
RGB	190, 52, 165
RGB Percent	75%, 20%, 65%
CMY	0.2564, 0.7977, 0.3543
CMYK	0.00, 0.73, 0.13, 0.26
HSL	311°, 57%, 47%
HSV	311°, 73%, 74%
XYZ	29.1080, 16.0195, 36.9867
YIQ	106.1440, 45.9750, 64.3990

Conversions

Conversions Part 2

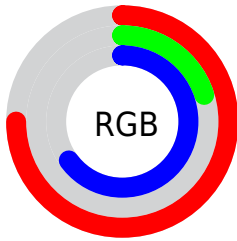
Format	Color
R_{YB}	190, 52, 165
Decimal	12465317
CIE _{Lab}	47.00, 65.47, -30.93
CIE _{LCh}	47, 72.410, 334.715
Yxy	16.0195, 0.3545, 0.1951
Android (android.graphics.Color)	4290655397 (0xFFBE34A5)
YUV	106.1440, 29.0160, 73.5417
Hunter-Lab	40.0243, 59.7731, -26.7733

Details

The CIELCh color **47, 72.410, 334.715** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **68, 75.040, 142.290**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 72.315, 334.721**, and **30, 63.562, 335.064** is the 20% darker color. If you saturate the color by 10%, you get **45, 77.185, 335.499**, and if you desaturate by 10%, it is **50, 65.494, 333.982**.

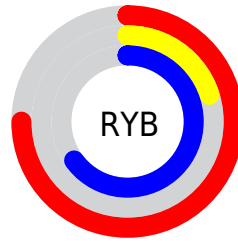
Distribution



Red (75%)

Green (20%)

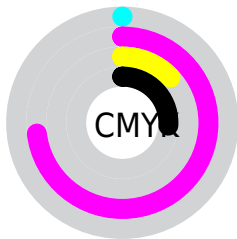
Blue (65%)



Red (75%)

Yellow (20%)

Blue (65%)

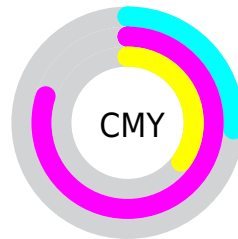


Cyan (0%)

Magenta (73%)

Yellow (13%)

Black (26%)



Cyan (26%)

Magenta (80%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 72.410, 334.715 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, 72.410, 334.715 by changing the saturation by 10% instead.

 47, 72.410,
334.715


 47, 72.410,
334.715


 100, 72.410,
334.715


 37, 72.410,
334.715

 67, 72.410,
334.715


 27, 72.410,
334.715

 77, 72.410,
334.715

 17, 72.410,
334.715

 87, 72.410,
334.715

 7, 72.410, 334.715

 97, 72.410,
334.715

 0, 72.410, 334.715

 47, 72.410,

 47, 72.410,

334.715

45, 77.185,
335.499

44, 79.631,
336.363

43, 80.321,
337.035

334.715

50, 65.494,
333.982

53, 56.861,
333.279

57, 46.997,
332.595

61, 36.360,
331.926

66, 25.325,
331.272

70, 14.168,
330.630

75, 3.081, 329.944

80, 7.814, 149.488

■ 86, 18.445,
148.904

Harmonies

Complementary

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



47, 72.410, 334.715



68, 75.040, 142.290

Rectangle

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



47, 72.410, 334.715



47, 72.410, 24.715



47, 72.410, 154.715



47, 72.410, 204.715

Sweetspot

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



47, 72.407, 334.715



84, 30.324, 331.243



33, 83.913, 304.896



43, 20.544, 331.422



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, 72.407, 334.715



58, 96.272, 335.972



45, 57.882, 6.039



37, 6.236, 330.409



36, 70.342, 336.891



3, 17.959, 333.187

Inverse Universe

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



47, 72.407, 334.715



58, 96.272, 335.972



69, 49.026, 164.741



37, 6.236, 330.409



36, 70.342, 336.891



3, 17.959, 333.187

Previews

White Background



This preview shows how the CIELCh color 47, 72.410, 334.715 looks on a white background.

Color Contrast Check

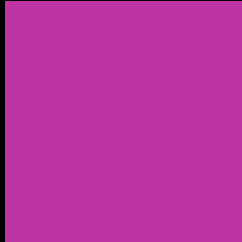
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.410, 334.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

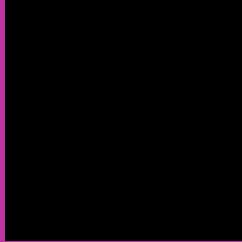
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 72.410, 334.715

Background



This preview shows how black text looks on a background with the CIELCh color 47, 72.410, 334.715.

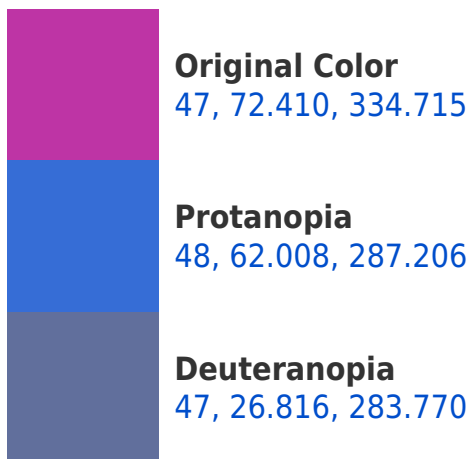


This preview shows how white text looks on a background with the CIELCh color 47, 72.410, 334.715.

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](#).

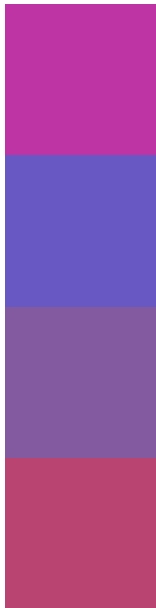
Dichromacy





Tritanopia
47, 46.373, 23.221

Trichromacy



Original Color
47, 72.410, 334.715

Protanomaly
44, 64.385, 301.781

Deuteranomaly
45, 44.027, 314.410

Tritanomaly
46, 51.204, 359.317

Monochromacy



Original Color
47, 72.410, 334.715

Achromatopsia
45, 0.006, 296.813

Achromatomaly
43, 31.032, 332.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 72.410, 334.715 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(190, 52, 165)` looks like.

```
.text, #text, p{  
    color:rgb(190, 52, 165)  
}
```

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(190, 52, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 52, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 72.410, 334.715 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(190, 52, 165) }
```

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

```
.border{ border-color:rgb(190, 52, 165) }
```

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

Here you see how a box with a 4 pixel rgb(190, 52, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 52, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 52, 165);  
box-shadow:4px 4px 4px 4px rgb(190, 52,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 72.410, 334.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 52, 165) }
```

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

```
.background{ background-color: rgb(190, 52,  
165) }
```

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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