

Converting Colors

CIELCh(47, 50.538, 354.658)

Have a look what the booklet for
CIELCh(47, 50.538, 354.658)
contains.

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Color

CIELCh(47, 50.697, 354.734)

Conversions

Conversions Part 1

Format	Color
Hex	B84779
RGB	184, 71, 121
RGB Percent	72%, 28%, 47%
CMY	0.2793, 0.7223, 0.5262
CMYK	0.00, 0.61, 0.34, 0.28
HSL	333°, 44%, 50%
HSV	333°, 61%, 72%
XYZ	25.3943, 16.0195, 19.7814
YIQ	110.4870, 51.2980, 39.5060

Conversions

Conversions Part 2

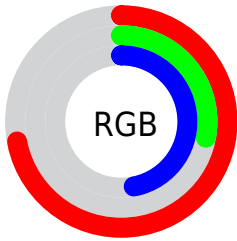
Format	Color
RYB	184, 71, 121
Decimal	12076921
CIELab	47.00, 50.48, -4.65
CIElCh	47, 50.697, 354.734
Yxy	16.0195, 0.4150, 0.2618
Android (android.graphics.Color)	4290267001 (0xFFB84779)
YUV	110.4870, 5.1829, 64.4709
Hunter-Lab	40.0243, 43.2108, -1.2861

Details

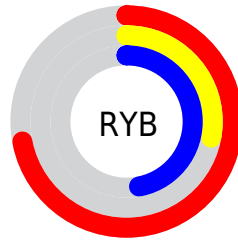
The CIELCh color $47, 50.697, 354.734$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $67, 46.702, 159.824$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 50.609, 354.896$, and $27, 50.737, 354.426$ is the 20% darker color. If you saturate the color by 10%, you get $44, 56.901, 357.077$, and if you desaturate by 10%, it is $51, 43.311, 352.849$.

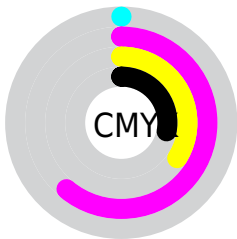
Distribution



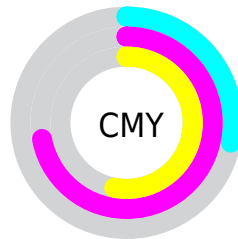
- Red (72%)
- Green (28%)
- Blue (47%)



- Red (72%)
- Yellow (28%)
- Blue (47%)



- Cyan (0%)
- Magenta (61%)
- Yellow (34%)
- Black (28%)





- Cyan (28%)
- Magenta (72%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 50.697, 354.734 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, 50.697, 354.734 by changing the saturation by 10% instead.


 47, 50.697,
354.734


 47, 50.697,
354.734


 100, 50.697,
354.734

 37, 50.697,
354.734

 67, 50.697,
354.734


 27, 50.697,
354.734

 77, 50.697,
354.734

 17, 50.697,
354.734

 87, 50.697,
354.734

 7, 50.697, 354.734

 97, 50.697,
354.734

 0, 50.697, 354.734

 47, 50.697,

 47, 50.697,

354.734

354.734

44, 56.901,
357.077

51, 43.311,
352.849

42, 61.549, 0.033

55, 35.179,
351.295

40, 64.469, 3.772

59, 26.668,
349.981

39, 66.020, 7.505

64, 18.057,
348.844

69, 9.534, 347.831

74, 1.212, 346.657

79, 6.846, 166.248

84, 14.614,
165.491

89, 22.088,

Harmonies

Complementary

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



47, 50.697, 354.734



67, 46.702, 159.824

Rectangle

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



47, 50.697, 354.734



47, 50.697, 44.734



47, 50.697, 174.734



47, 50.697, 224.734

Sweetspot

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



47, 50.694, 354.735



84, 18.717, 348.512



43, 68.573, 313.589



43, 13.040, 348.814



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



47, 50.694, 354.735



56, 71.822, 358.110



47, 49.977, 30.472



36, 4.689, 347.624



33, 58.360, 6.817



2, 11.848, 354.049

Inverse Universe

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



47, 50.694, 354.735



56, 71.822, 358.110



67, 31.006, 202.836



36, 4.689, 347.624



33, 58.360, 6.817



2, 11.848, 354.049

Previews

White Background



This preview shows how the CIELCh color 47, 50.697, 354.734 looks on a white background.

Color Contrast Check

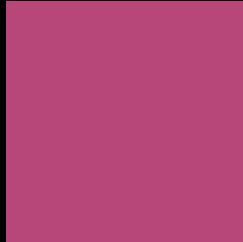
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.697, 354.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

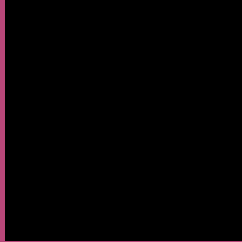
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 50.697, 354.734

Background



This preview shows how black text looks on a background with the CIELCh color 47, 50.697, 354.734.

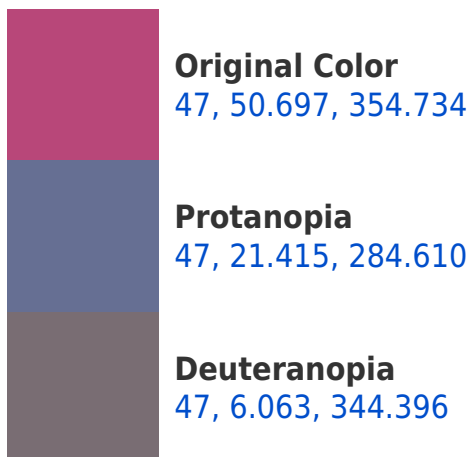


This preview shows how white text looks on a background with the CIELCh color 47, 50.697, 354.734.

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, 45.447, 22.949

Trichromacy



Original Color
47, 50.697, 354.734

Protanomaly
46, 27.929, 322.455

Deuteranomaly
46, 23.727, 349.824

Tritanomaly
47, 45.906, 12.230

Monochromacy



Original Color
47, 50.697, 354.734

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 19.886, 349.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 50.697, 354.734 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(184, 71, 121)` looks like.

```
.text, #text, p{  
    color:rgb(184, 71, 121)  
}
```

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(184, 71, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 71, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 50.697, 354.734 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(184, 71, 121) }
```

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

```
.border{ border-color:rgb(184, 71, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 71, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 71, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 71, 121);  
box-shadow:4px 4px 4px 4px rgb(184, 71,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 50.697, 354.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 71, 121) }
```

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

```
.background{ background-color: rgb(184, 71,  
121) }
```

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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