

Converting Colors

CIELCh(47, 51.379, 345.738)

Have a look what the booklet for
CIELCh(47, 51.379, 345.738)
contains.

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Color

CIELCh(47, 51.274, 345.752)

Conversions

Conversions Part 1

Format	Color
Hex	B34986
RGB	179, 73, 134
RGB Percent	70%, 29%, 53%
CMY	0.2988, 0.7144, 0.4752
CMYK	0.00, 0.59, 0.25, 0.30
HSL	325°, 42%, 49%
HSV	325°, 59%, 70%
XYZ	25.2088, 16.0195, 24.2555
YIQ	111.6480, 43.5950, 41.4430

Conversions

Conversions Part 2

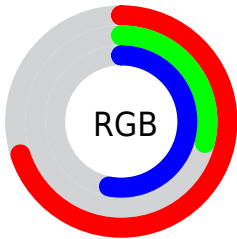
Format	Color
RYB	179, 73, 134
Decimal	11749766
CIELab	47.00, 49.70, -12.62
CIELCh	47, 51.274, 345.752
Yxy	16.0195, 0.3850, 0.2446
Android (android.graphics.Color)	4289939846 (0xFFB34986)
YUV	111.6480, 11.0195, 59.0677
Hunter-Lab	40.0243, 42.3833, -7.9139

Details

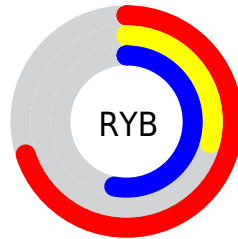
The CIELCh color **47, 51.274, 345.752** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **66, 49.862, 153.459**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 50.914, 345.857**, and **27, 51.189, 345.973** is the 20% darker color. If you saturate the color by 10%, you get **44, 57.681, 347.354**, and if you desaturate by 10%, it is **51, 43.614, 344.409**.

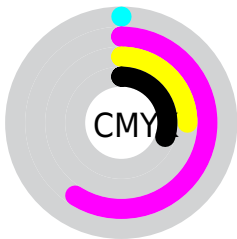
Distribution



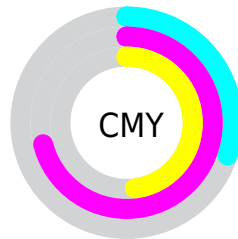
- Red (70%)
- Green (29%)
- Blue (53%)



- Red (70%)
- Yellow (29%)
- Blue (53%)



- Cyan (0%)
- Magenta (59%)
- Yellow (25%)
- Black (30%)





- Cyan (30%)
- Magenta (71%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 51.274, 345.752 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, 51.274, 345.752 by changing the saturation by 10% instead.


 47, 51.274,
345.752


 47, 51.274,
345.752


 100, 51.274,
345.752


 37, 51.274,
345.752

 67, 51.274,
345.752


 27, 51.274,
345.752

 77, 51.274,
345.752

 17, 51.274,
345.752

 87, 51.274,
345.752

 7, 51.274, 345.752

 97, 51.274,
345.752

 0, 51.274, 345.752

 47, 51.274,

 47, 51.274,

345.752

44, 57.681,
347.354

42, 62.409,
349.312

40, 65.171,
351.753

39, 66.240,
354.722

39, 66.310,
354.944

345.752

51, 43.614,
344.409

55, 35.151,
343.252

59, 26.258,
342.231

64, 17.214,
341.311

68, 8.211, 340.459

73, 0.631, 160.294

78, 9.242, 159.076

83, 17.589,
158.406

88, 25.661,

Harmonies

Complementary

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



47, 51.274, 345.752



66, 49.862, 153.459

Rectangle

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



47, 51.274, 345.752



47, 51.274, 35.752



47, 51.274, 165.752



47, 51.274, 215.752

Sweetspot

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



47, 51.271, 345.753



81, 19.860, 341.227



41, 64.534, 309.616



42, 13.938, 341.481



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



47, 51.271, 345.753



56, 72.022, 347.886



46, 47.034, 21.188



35, 5.009, 340.463



33, 59.228, 354.490



2, 11.114, 345.634

Inverse Universe

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



47, 51.271, 345.753



56, 72.022, 347.886



67, 32.707, 188.105



35, 5.009, 340.463



33, 59.228, 354.490



2, 11.114, 345.634

Previews

White Background



This preview shows how the CIELCh color 47, 51.274, 345.752 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, 51.274, 345.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

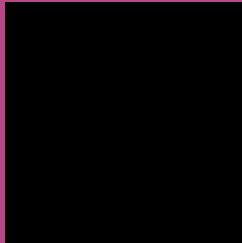
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 51.274, 345.752

Background



This preview shows how black text looks on a background with the CIELCh color 47, 51.274, 345.752.

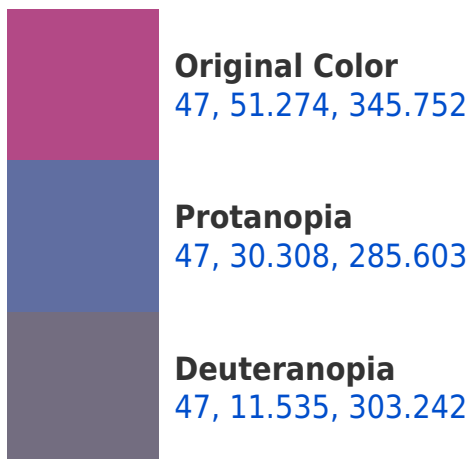


This preview shows how white text looks on a background with the CIELCh color 47, 51.274, 345.752.

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, 40.748, 20.829

Trichromacy



Original Color
47, 51.274, 345.752

Protanomaly
46, 34.508, 312.304

Deuteranomaly
46, 25.896, 332.067

Tritanomaly
47, 42.395, 6.058

Monochromacy



Original Color
47, 51.274, 345.752

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 20.416, 342.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 51.274, 345.752 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(179, 73, 134)` looks like.

```
.text, #text, p{  
  color:rgb(179, 73, 134)  
}
```

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(179, 73, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 73, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 51.274, 345.752 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(179, 73, 134) }
```

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

```
.border{ border-color:rgb(179, 73, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 73, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 73, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 73, 134);  
box-shadow:4px 4px 4px 4px rgb(179, 73,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 51.274, 345.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 73, 134) }
```

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

```
.background{ background-color: rgb(179, 73,  
134) }
```

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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