

Converting Colors

CIELCh(47, 47.548, 349.401)

Have a look what the booklet for
CIELCh(47, 47.548, 349.401)
contains.

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Color

CIELCh(47, 47.457, 349.726)

Conversions

Conversions Part 1

Format	Color
Hex	B14C7F
RGB	177, 76, 127
RGB Percent	69%, 30%, 50%
CMY	0.3063, 0.7023, 0.5023
CMYK	0.00, 0.57, 0.28, 0.31
HSL	330°, 40%, 50%
HSV	330°, 57%, 69%
XYZ	24.5089, 16.0195, 21.8461
YIQ	112.0130, 43.8250, 37.2730

Conversions

Conversions Part 2

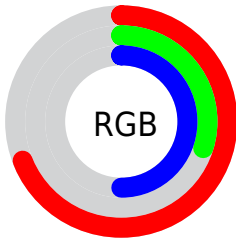
Format	Color
R_{YB}	177, 76, 127
Decimal	11619455
CIE _{Lab}	47.00, 46.70, -8.46
CIE _{LCh}	47, 47.457, 349.726
Yxy	16.0195, 0.3929, 0.2568
Android (android.graphics.Color)	4289809535 (0xFFB14C7F)
YUV	112.0130, 7.3886, 56.9936
Hunter-Lab	40.0243, 39.2622, -4.3446

Details

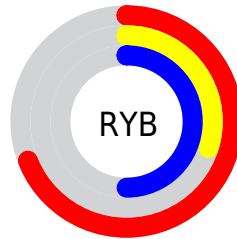
The CIELCh color $47, 47.457, 349.726$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $65, 44.993, 157.186$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 47.517, 349.504$, and $27, 47.579, 349.600$ is the 20% darker color. If you saturate the color by 10%, you get $44, 54.035, 351.564$, and if you desaturate by 10%, it is $51, 39.830, 348.210$.

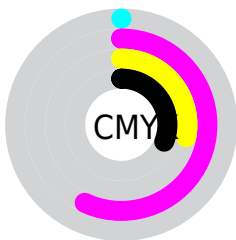
Distribution



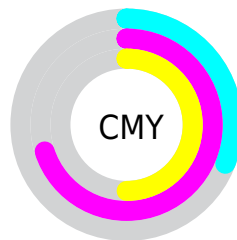
- Red (69%)
- Green (30%)
- Blue (50%)



- Red (69%)
- Yellow (30%)
- Blue (50%)



- Cyan (0%)
- Magenta (57%)
- Yellow (28%)
- Black (31%)




- Cyan (31%)
- Magenta (70%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 47.457, 349.726 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, 47.457, 349.726 by changing the saturation by 10% instead.


 47, 47.457,
349.726


 47, 47.457,
349.726

 100, 47.457,
349.726


 37, 47.457,
349.726

 67, 47.457,
349.726


 27, 47.457,
349.726

 77, 47.457,
349.726

 17, 47.457,
349.726

 87, 47.457,
349.726

 7, 47.457, 349.726

 97, 47.457,
349.726

 0, 47.457, 349.726

 47, 47.457,

 47, 47.457,

349.726

44, 54.035,
351.564

41, 59.146,
353.842

39, 62.480,
356.710

38, 64.093, 0.285

38, 64.484, 1.379

349.726

51, 39.830,
348.210

55, 31.574,
346.923

59, 23.021,
345.807


64, 14.415,
344.814

69, 5.914, 343.896

74, 2.386, 163.314

79, 10.433,
162.464

84, 18.206,
161.777

 89, 25.704,
161.149

Harmonies

Complementary

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



47, 47.457, 349.726



65, 44.993, 157.186

Rectangle

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



47, 47.457, 349.726



47, 47.457, 39.726



47, 47.457, 169.726



47, 47.457, 219.726

Sweetspot

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



47, 47.454, 349.727



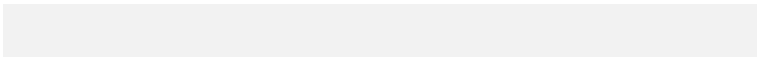
81, 17.724, 344.833



42, 61.728, 311.430



42, 11.864, 345.019



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



47, 47.454, 349.727



56, 67.783, 352.215



46, 45.768, 25.419



35, 4.772, 344.101



33, 58.004, 0.850



2, 10.635, 349.584

Inverse Universe

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



47, 47.454, 349.727



56, 67.783, 352.215



67, 30.515, 195.185



35, 4.772, 344.101



33, 58.004, 0.850



2, 10.635, 349.584

Previews

White Background



This preview shows how the CIELCh color 47, 47.457, 349.726 looks on a white background.

Color Contrast Check

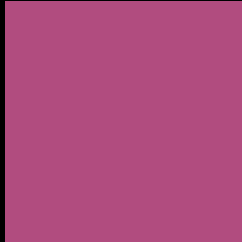
Large Text (above 18pt) WCAG AA ✓ Pass

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, 47.457, 349.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

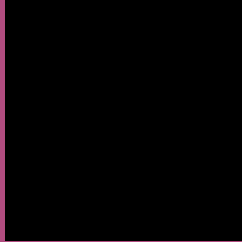
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 47.457, 349.726

Background



This preview shows how black text looks on a background with the CIELCh color 47, 47.457, 349.726.

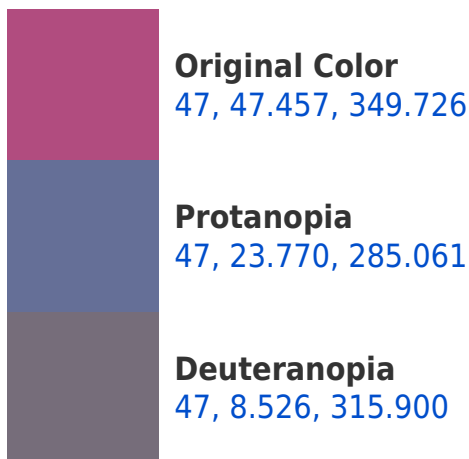


This preview shows how white text looks on a background with the CIELCh color 47, 47.457, 349.726.

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, 39.821, 20.526

Trichromacy



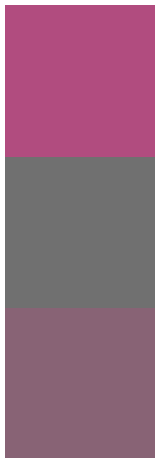
Original Color
47, 47.457, 349.726

Protanomaly
46, 28.623, 317.164

Deuteranomaly
46, 23.071, 338.960

Tritanomaly
47, 41.005, 8.310

Monochromacy



Original Color
47, 47.457, 349.726

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 18.440, 346.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 47.457, 349.726 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(177, 76, 127)` looks like.

```
.text, #text, p{  
    color:rgb(177, 76, 127)  
}
```

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(177, 76, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 76, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 47.457, 349.726 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(177, 76, 127) }
```

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

```
.border{ border-color:rgb(177, 76, 127) }
```

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

Here you see how a box with a 4 pixel rgb(177, 76, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 76, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 76, 127);  
box-shadow:4px 4px 4px 4px rgb(177, 76,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 47.457, 349.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 76, 127) }
```

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

```
.background{ background-color: rgb(177, 76,  
127) }
```

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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