

Converting Colors

CIELCh(47, 61.415, 328.367)

Have a look what the booklet for
CIELCh(47, 61.415, 328.367)
contains.

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Color

CIELCh(47, 61.083, 328.561)

Conversions

Conversions Part 1

Format	Color
Hex	AA49A6
RGB	170, 73, 166
RGB Percent	67%, 29%, 65%
CMY	0.3340, 0.7143, 0.3496
CMYK	0.00, 0.57, 0.02, 0.33
HSL	302°, 40%, 48%
HSV	302°, 57%, 67%
XYZ	25.7825, 16.0195, 37.7331
YIQ	112.6050, 27.9590, 49.4870

Conversions

Conversions Part 2

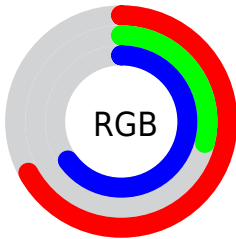
Format	Color
RYB	170, 73, 166
Decimal	11159974
CIELab	47.00, 52.12, -31.86
CIELCh	47, 61.083, 328.561
Yxy	16.0195, 0.3242, 0.2014
Android (android.graphics.Color)	4289350054 (0xFFAA49A6)
YUV	112.6050, 26.3237, 50.3354
Hunter-Lab	40.0243, 44.9422, -27.8790

Details

The CIELCh color **47, 61.083, 328.561** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **62, 61.708, 140.673**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 60.592, 328.560**, and **27, 61.273, 328.444** is the 20% darker color. If you saturate the color by 10%, you get **44, 69.175, 328.979**, and if you desaturate by 10%, it is **50, 51.623, 328.091**.

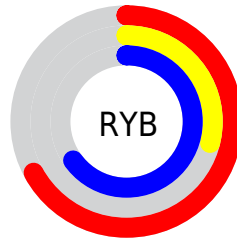
Distribution



Red (67%)

Green (29%)

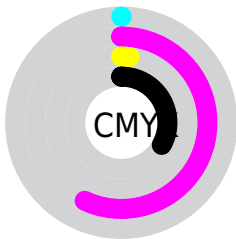
Blue (65%)



Red (67%)

Yellow (29%)

Blue (65%)

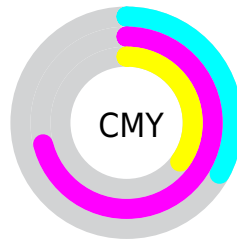


Cyan (0%)

Magenta (57%)

Yellow (2%)

Black (33%)



Cyan (33%)


Magenta (71%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 61.083, 328.561 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, 61.083, 328.561 by changing the saturation by 10% instead.


 47, 61.083,
328.561


 47, 61.083,
328.561


 100, 61.083,
328.561


 37, 61.083,
328.561

 67, 61.083,
328.561


 27, 61.083,
328.561

 77, 61.083,
328.561

 17, 61.083,
328.561

 87, 61.083,
328.561

 7, 61.083, 328.561

 97, 61.083,
328.561

 0, 61.083, 328.561

 47, 61.083,

 47, 61.083,

328.561

■ 44, 69.175,
328.979

■ 42, 75.496,
329.335

■ 41, 79.760,
329.628

■ 40, 82.021,
329.865

■ 40, 82.539,
329.929

328.561

■ 50, 51.623,
328.091

■ 54, 41.233,
327.581

■ 58, 30.293,
327.043

■ 62, 19.108,
326.489

■ 66, 7.901, 325.920

■ 71, 3.177, 145.480

■ 75, 14.027,
144.892

■ 80, 24.593,
144.373

■ 85, 34.848,
143.882

Harmonies

Complementary

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



47, 61.083, 328.561



62, 61.708, 140.673

Rectangle

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



47, 61.083, 328.561



47, 61.083, 18.561



47, 61.083, 148.561



47, 61.083, 198.561

Sweetspot

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



47, 61.081, 328.561



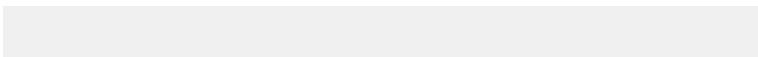
79, 23.599, 326.501



36, 59.623, 299.524



41, 15.919, 326.609



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



47, 61.081, 328.561



57, 87.115, 329.098



45, 45.118, 352.188



33, 6.252, 326.047



34, 74.589, 329.909



2, 11.222, 326.021

Inverse Universe

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



47, 61.081, 328.561



57, 87.115, 329.098



63, 42.099, 159.223



33, 6.252, 326.047



34, 74.589, 329.909



2, 11.222, 326.021

Previews

White Background



This preview shows how the CIELCh color 47, 61.083, 328.561 looks on a white background.

Color Contrast Check

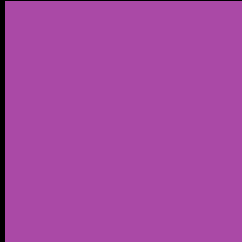
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 47, 61.083, 328.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

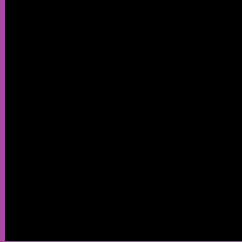
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 61.083, 328.561

Background



This preview shows how black text looks on a background with the CIELCh color 47, 61.083, 328.561.

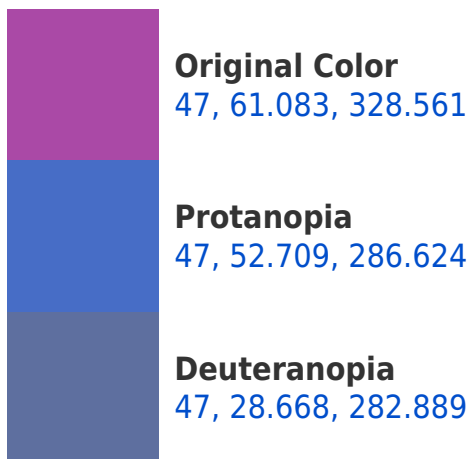


This preview shows how white text looks on a background with the CIELCh color 47, 61.083, 328.561.

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, 31.108, 16.468

Trichromacy



Original Color
47, 61.083, 328.561

Protanomaly
46, 53.554, 300.315

Deuteranomaly
46, 39.079, 307.500

Tritanomaly
47, 38.675, 349.906

Monochromacy



Original Color
47, 61.083, 328.561

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 24.295, 326.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 61.083, 328.561 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(170, 73, 166)` looks like.

```
.text, #text, p{  
    color:rgb(170, 73, 166)  
}
```

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(170, 73, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 73, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 61.083, 328.561 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(170, 73, 166) }
```

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

```
.border{ border-color:rgb(170, 73, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 73, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 73, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 73, 166);  
box-shadow:4px 4px 4px 4px rgb(170, 73,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 61.083, 328.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 73, 166) }
```

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

```
.background{ background-color: rgb(170, 73,  
166) }
```

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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