

Converting Colors

CIELCh(47, 111.325, 312.214)

Have a look what the booklet for
CIELCh(47, 111.325, 312.214)
contains.

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Color

CIELCh(47, 111.289, 312.193)

Conversions

Conversions Part 1

Format	Color
Hex	9634FE
RGB	150, 52, 254
RGB Percent	59%, 20%, 100%
CMY	0.4129, 0.7973, 0.0051
CMYK	0.41, 0.80, 0.00, 0.01
HSL	269°, 99%, 60%
HSV	269°, 80%, 99%
XYZ	31.5772, 16.0195, 94.9445
YIQ	104.3300, -6.4340, 83.5980

Conversions

Conversions Part 2

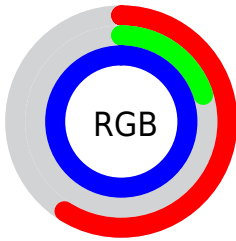
Format	Color
R _Y B	150, 52, 254
Decimal	9843966
CIE Lab	47.00, 74.75, -82.45
CIE LCh	47, 111.289, 312.193
Yxy	16.0195, 0.2215, 0.1124
Android (android.graphics.Color)	4288034046 (0xFF9634FE)
YUV	104.3300, 73.7873, 40.0526
Hunter-Lab	40.0243, 70.7852, -112.6289

Details

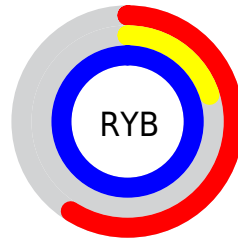
The CIELCh color **47, 111.289, 312.193** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **91, 98.055, 126.002**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 83.732, 317.935**, and **29, 103.645, 310.652** is the 20% darker color. If you saturate the color by 10%, you get **43, 119.787, 311.985**, and if you desaturate by 10%, it is **52, 99.785, 312.046**.

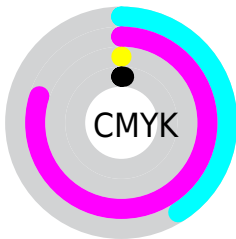
Distribution



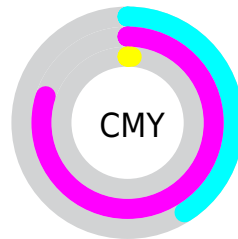
- Red (59%)
- Green (20%)
- Blue (100%)



- Red (59%)
- Yellow (20%)
- Blue (100%)



- Cyan (41%)
- Magenta (80%)
- Yellow (0%)
- Black (1%)





- Cyan (41%)
- Magenta (80%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 111.289, 312.193 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, 111.289, 312.193 by changing the saturation by 10% instead.


 47, 111.289,
312.193


 47, 111.289,
312.193


 100, 111.289,
312.193


 37, 111.289,
312.193


 67, 111.289,
312.193


 27, 111.289,
312.193


 77, 111.289,
312.193


 17, 111.289,
312.193


 87, 111.289,
312.193

 7, 111.289,
312.193

 97, 111.289,
312.193

 0, 111.289,
312.193

 47, 111.289,

 47, 111.289,

312.193

■ 43, 119.787,
311.985

■ 40, 124.807,
311.370

■ 40, 124.968,
311.346

312.193

■ 52, 99.785,
312.046

■ 58, 86.341,
311.667

■ 64, 71.873,
311.160

■ 71, 57.023,
310.600

■ 78, 42.185,
310.034

■ 85, 27.584,
309.490

■ 93, 13.340,
308.981

■ 100, 0.494,
128.808

100, 0.646,
110.010

Harmonies

Complementary

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



47, 111.289, 312.193



91, 98.055, 126.002

Rectangle

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



47, 111.289, 312.193



47, 111.289, 2.193



47, 111.289, 132.193



47, 111.289, 182.193

Sweetspot

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



47, 111.289, 312.194



83, 34.068, 309.724



63, 56.923, 273.958



41, 23.512, 309.919



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 111.289, 312.194



41, 123.746, 311.617



62, 107.989, 327.448



49, 7.907, 308.975



30, 100.854, 311.538



6, 44.912, 312.471

Inverse Universe

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



58, 80.005, 354.256



55, 84.504, 359.867



88, 110.620, 136.911



50, 6.446, 343.609



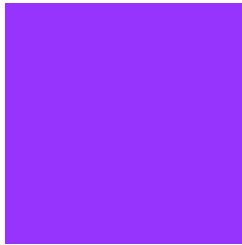
41, 68.428, 0.708



10, 32.016, 355.341

Previews

White Background



This preview shows how the CIELCh color 47, 111.289, 312.193 looks on a white background.

Color Contrast Check

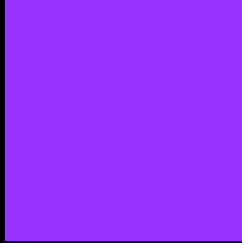
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111.289, 312.193 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, 111.289, 312.193

Background



This preview shows how black text looks on a background with the CIELCh color 47, 111.289, 312.193.

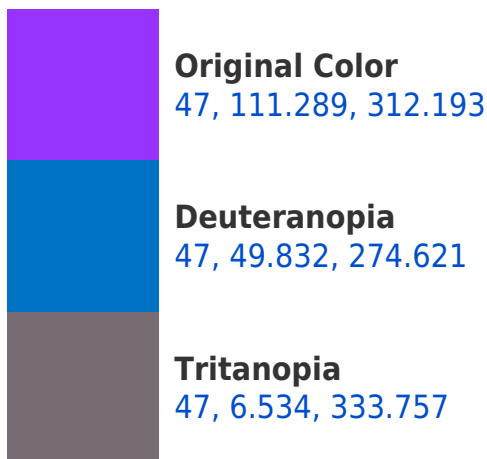


This preview shows how white text looks on a background with the CIELCh color 47, 111.289, 312.193.

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



Trichromacy



Original Color
47, 111.289, 312.193



Deuteranomaly
43, 74.429, 294.241

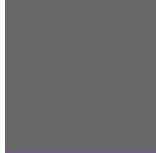


Tritanomaly
45, 48.362, 312.611

Monochromacy



Original Color
47, 111.289, 312.193



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 45.447, 311.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 111.289, 312.193 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(150, 52, 254)` looks like.

```
.text, #text, p{  
    color:rgb(150, 52, 254)  
}
```

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(150, 52, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 52, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 111.289, 312.193 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(150, 52, 254) }
```

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

```
.border{ border-color:rgb(150, 52, 254) }
```

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

Here you see how a box with a 4 pixel rgb(150, 52, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 52, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 52, 254);  
box-shadow:4px 4px 4px 4px rgb(150, 52,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 111.289, 312.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 52, 254) }
```

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

```
.background{ background-color: rgb(150, 52,  
254) }
```

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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