

Converting Colors

CIELCh(47, 44.704, 318.634)

Have a look what the booklet for
CIELCh(47, 44.704, 318.634)
contains.

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Color

CIELCh(47, 44.221, 318.746)

Conversions

Conversions Part 1

Format	Color
Hex	8F5CA1
RGB	143, 92, 161
RGB Percent	56%, 36%, 63%
CMY	0.4399, 0.6398, 0.3693
CMYK	0.11, 0.43, 0.00, 0.37
HSL	284°, 27%, 50%
HSV	284°, 43%, 63%
XYZ	21.5308, 16.0195, 35.5982
YIQ	115.1150, 8.2470, 32.2710

Conversions

Conversions Part 2

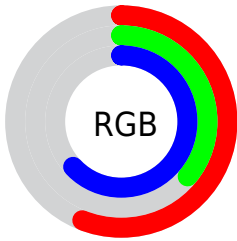
Format	Color
R_{YB}	143, 92, 161
Decimal	9395361
CIE _{Lab}	47.00, 33.25, -29.16
CIE _{LCh}	47, 44.221, 318.746
Yxy	16.0195, 0.2943, 0.2190
Android (android.graphics.Color)	4287585441 (0xFF8F5CA1)
YUV	115.1150, 22.6213, 24.4551
Hunter-Lab	40.0243, 25.9802, -24.7164

Details

The CIELCh color **47, 44.221, 318.746** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **61, 43.101, 134.762**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 44.443, 318.860**, and **27, 44.065, 318.726** is the 20% darker color. If you saturate the color by 10%, you get **43, 54.159, 319.093**, and if you desaturate by 10%, it is **51, 33.911, 318.345**.

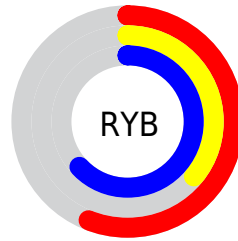
Distribution



Red (56%)

Green (36%)

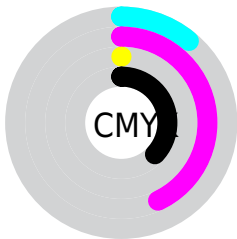
Blue (63%)



Red (56%)

Yellow (36%)

Blue (63%)

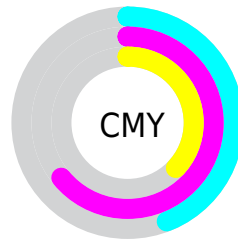


Cyan (11%)

Magenta (43%)

Yellow (0%)

Black (37%)



Cyan (44%)

Magenta (64%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 44.221, 318.746 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, 44.221, 318.746 by changing the saturation by 10% instead.


 47, 44.221,
318.746

 47, 44.221,
318.746

 100, 44.221,
318.746

 37, 44.221,
318.746

 67, 44.221,
318.746

 27, 44.221,
318.746

 77, 44.221,
318.746

 17, 44.221,
318.746

 87, 44.221,
318.746

 7, 44.221, 318.746

 97, 44.221,
318.746

 0, 44.221, 318.746

 47, 44.221,

 47, 44.221,

318.746

43, 54.159,
319.093

39, 63.371,
319.346

36, 71.402,
319.459

34, 77.756,
319.376

32, 82.031,
319.046

31, 84.208,
318.718

318.746

51, 33.911,
318.345

56, 23.488,
317.918

60, 13.122,
317.484

65, 2.919, 317.021

70, 7.058, 136.700

74, 16.776,
136.311

79, 26.221,
135.960

84, 35.391,
135.638

■ 88, 44.290,
135.346

Harmonies

Complementary

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



47, 44.221, 318.746



61, 43.101, 134.762

Rectangle

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



47, 44.221, 318.746



47, 44.221, 8.746



47, 44.221, 138.746



47, 44.221, 188.746

Sweetspot

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



47, 44.219, 318.746



76, 16.389, 317.499



47, 30.241, 282.999



39, 11.466, 317.590



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



47, 44.219, 318.746



56, 64.725, 319.064



49, 39.773, 334.613



32, 5.807, 317.326



27, 78.159, 318.790



1, 8.828, 315.238

Inverse Universe

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



47, 30.521, 4.026



57, 45.121, 5.805



61, 39.599, 148.125



32, 3.846, 359.525



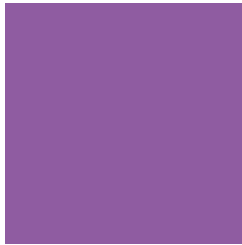
30, 58.427, 23.352



1, 5.801, 0.517

Previews

White Background



This preview shows how the CIELCh color 47, 44.221, 318.746 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, 44.221, 318.746 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, 44.221, 318.746

Background



This preview shows how black text looks on a background with the CIELCh color 47, 44.221, 318.746.



This preview shows how white text looks on a background with the CIELCh color 47, 44.221, 318.746.

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



Original Color

47, 44.221, 318.746

Protanopia

47, 39.209, 285.375

Deuteranopia

47, 27.433, 283.450



Tritanopia
47, 14.159, 1.915

Trichromacy



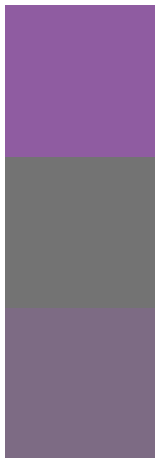
Original Color
47, 44.221, 318.746

Protanomaly
47, 39.782, 297.115

Deuteranomaly
47, 32.254, 299.756

Tritanomaly
47, 23.396, 333.433

Monochromacy



Original Color
47, 44.221, 318.746

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 16.404, 317.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 44.221, 318.746 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(143, 92, 161)` looks like.

```
.text, #text, p{  
    color:rgb(143, 92, 161)  
}
```

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(143, 92, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 92, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 44.221, 318.746 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(143, 92, 161) }
```

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

```
.border{ border-color:rgb(143, 92, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 92, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 92, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 92, 161);  
box-shadow:4px 4px 4px 4px rgb(143, 92,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 44.221, 318.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 92, 161) }
```

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

```
.background{ background-color: rgb(143, 92,  
161) }
```

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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