

Converting Colors

CIELCh(47, 46.659, 319.157)

Have a look what the booklet for
CIELCh(47, 46.659, 319.157)
contains.

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Color

CIELCh(47, 46.753, 319.266)

Conversions

Conversions Part 1

Format	Color
Hex	915AA3
RGB	145, 90, 163
RGB Percent	57%, 35%, 64%
CMY	0.4308, 0.6465, 0.3602
CMYK	0.11, 0.45, 0.00, 0.36
HSL	285°, 29%, 50%
HSV	285°, 45%, 64%
XYZ	21.9965, 16.0195, 36.6544
YIQ	114.7670, 9.3470, 34.3630

Conversions

Conversions Part 2

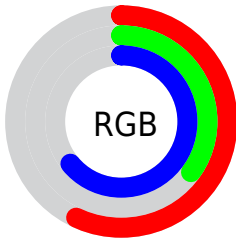
Format	Color
R_{YB}	145, 90, 163
Decimal	9525923
CIE _{Lab}	47.00, 35.43, -30.51
CIE _{LCh}	47, 46.753, 319.266
Yxy	16.0195, 0.2946, 0.2145
Android (android.graphics.Color)	4287716003 (0xFF915AA3)
YUV	114.7670, 23.7789, 26.5143
Hunter-Lab	40.0243, 28.0571, -26.2809

Details

The CIELCh color $47, 46.753, 319.266$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 45.620, 135.051$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 46.926, 319.323$, and $27, 47.105, 319.422$ is the 20% darker color. If you saturate the color by 10%, you get $43, 56.679, 319.597$, and if you desaturate by 10%, it is $51, 36.367, 318.873$.

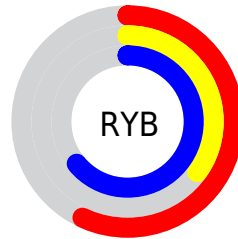
Distribution



Red (57%)

Green (35%)

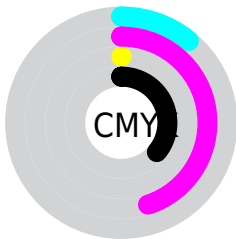
Blue (64%)



Red (57%)

Yellow (35%)

Blue (64%)

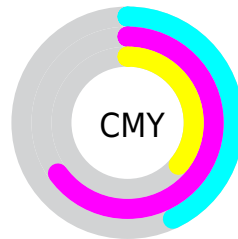


Cyan (11%)

Magenta (45%)

Yellow (0%)

Black (36%)



Cyan (43%)


Magenta (65%)

Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 46.753, 319.266 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, 46.753, 319.266 by changing the saturation by 10% instead.


 47, 46.753,
319.266

 47, 46.753,
319.266


 100, 46.753,
319.266


 37, 46.753,
319.266

 67, 46.753,
319.266


 27, 46.753,
319.266

 77, 46.753,
319.266

 17, 46.753,
319.266

 87, 46.753,
319.266

 7, 46.753, 319.266

 97, 46.753,
319.266

 0, 46.753, 319.266

 47, 46.753,

 47, 46.753,

319.266

43, 56.679,
319.597

40, 65.765,
319.827

36, 73.536,
319.907

34, 79.505,
319.785

32, 83.330,
319.418

31, 84.901,
319.184

319.266

51, 36.367,
318.873

56, 25.809,
318.449

60, 15.270,
318.013

65, 4.873, 317.565

70, 5.309, 137.223

74, 15.234,
136.817

79, 24.884,
136.454

84, 34.254,
136.121

 88, 43.347,
135.818

Harmonies

Complementary

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



47, 46.753, 319.266



62, 45.620, 135.051

Rectangle

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



47, 46.753, 319.266



47, 46.753, 9.266



47, 46.753, 139.266



47, 46.753, 189.266

Sweetspot

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



47, 46.751, 319.266



77, 16.614, 317.947



46, 32.702, 284.474



40, 11.740, 318.040



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



47, 46.751, 319.266



56, 69.073, 319.604



48, 41.405, 335.447



32, 5.829, 317.772



28, 77.975, 319.263



1, 8.866, 315.734

Inverse Universe

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



47, 32.174, 5.443



56, 48.165, 7.591



61, 41.194, 148.490



32, 3.822, 0.569



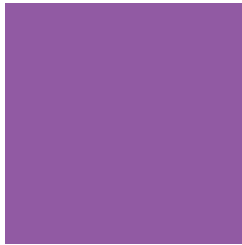
30, 58.886, 24.571



1, 5.767, 1.486

Previews

White Background



This preview shows how the CIELCh color 47, 46.753, 319.266 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, 46.753, 319.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

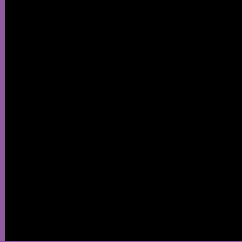
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 46.753, 319.266

Background



This preview shows how black text looks on a background with the CIELCh color 47, 46.753, 319.266.

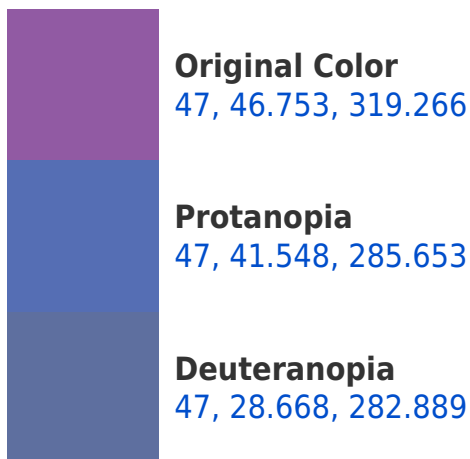



This preview shows how white text looks on a background with the CIELCh color 47, 46.753, 319.266.

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, 15.396, 3.725

Trichromacy



Original Color
47, 46.753, 319.266

Protanomaly
47, 42.101, 297.242

Deuteranomaly
47, 34.658, 300.155

Tritanomaly
47, 24.588, 334.790

Monochromacy



Original Color
47, 46.753, 319.266

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 17.802, 317.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 46.753, 319.266 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(145, 90, 163)` looks like.

```
.text, #text, p{  
    color:rgb(145, 90, 163)  
}
```

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(145, 90, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 90, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 46.753, 319.266 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(145, 90, 163) }
```

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

```
.border{ border-color:rgb(145, 90, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 90, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 90, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 90, 163);  
box-shadow:4px 4px 4px 4px rgb(145, 90,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 46.753, 319.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 90, 163) }
```

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

```
.background{ background-color: rgb(145, 90,  
163) }
```

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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