

Converting Colors

CIELCh(47, 9.545, 326.396)

Have a look what the booklet for
CIELCh(47, 9.545, 326.396) contains.

CIELCh(47, 9.569, 327.030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(47, 9.569, 327.030)

Conversions

Conversions Part 1

Format	Color
Hex	796B78
RGB	121, 107, 120
RGB Percent	47%, 42%, 47%
CMY	0.5244, 0.5793, 0.5283
CMYK	0.00, 0.12, 0.01, 0.52
HSL	304°, 6%, 45%
HSV	304°, 12%, 48%
XYZ	16.6167, 16.0195, 20.0733
YIQ	112.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

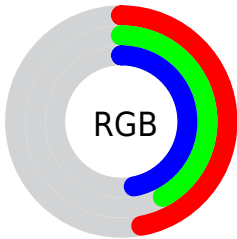
Format	Color
R_{YB}	121, 107, 120
Decimal	7957368
CIE _{Lab}	47.00, 8.03, -5.21
CIE _{LCh}	47, 9.569, 327.030
Yxy	16.0195, 0.3153, 0.3039
Android (android.graphics.Color)	4286147448 (0xFF796B78)
YUV	112.6680, 3.6147, 7.3072
Hunter-Lab	40.0243, 4.0645, -1.7186

Details

The CIELCh color $47, 9.569, 327.030$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 9.551, 145.770$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 9.623, 326.742$, and $27, 9.440, 325.243$ is the 20% darker color. If you saturate the color by 10%, you get $44, 17.914, 327.587$, and if you desaturate by 10%, it is $50, 1.278, 326.360$.

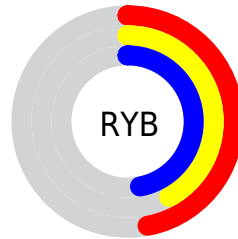
Distribution



Red (47%)

Green (42%)

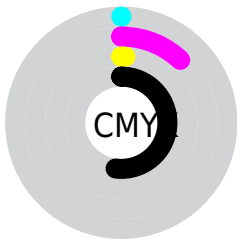
Blue (47%)



Red (47%)

Yellow (42%)

Blue (47%)

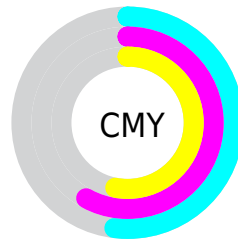


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (52%)



Cyan (52%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 9.569, 327.030 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, 9.569, 327.030 by changing the saturation by 10% instead.

■ 47, 9.569, 327.030

■ 47, 9.569, 327.030

■ 100, 9.569,
327.030

■ 37, 9.569, 327.030

■ 67, 9.569, 327.030

■ 27, 9.569, 327.030

■ 77, 9.569, 327.030

■ 17, 9.569, 327.030

■ 87, 9.569, 327.030

■ 7, 9.569, 327.030

■ 97, 9.569, 327.030

■ 0, 9.569, 327.030

■ 47, 9.569, 327.030

■ 47, 9.569, 327.030

■ 44, 17.914,
327.587

■ 50, 1.278, 326.360

■ 41, 26.193,

■ 54, 6.873, 146.008

328.136

57, 14.835,
145.482

38, 34.227,
328.673

61, 22.580,
144.987

35, 41.782,
329.188

65, 30.097,
144.517

33, 48.572,
329.673

68, 37.384,
144.072

31, 54.285,
330.119

72, 44.446,
143.652

29, 58.637,
330.524

75, 51.292,
143.258

28, 61.450,
330.889

79, 57.934,
142.887

27, 63.177,
331.180

Harmonies

Complementary

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



47, 9.569, 327.030



49, 9.551, 145.770

Rectangle

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



47, 9.569, 327.030



47, 9.569, 17.030



47, 9.569, 147.030



47, 9.569, 197.030

Sweetspot

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



47, 9.567, 327.030



64, 3.075, 326.516



46, 8.353, 293.825



33, 2.318, 326.569



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 9.567, 327.030



59, 14.430, 327.187



47, 6.788, 348.350



24, 4.696, 326.890



28, 64.535, 331.190



59, 108.319, 331.362

Inverse Universe

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



47, 9.567, 327.030



59, 14.430, 327.187



50, 6.659, 166.478



24, 4.696, 326.890



28, 64.535, 331.190



59, 108.319, 331.362

Previews

White Background



This preview shows how the CIELCh color 47, 9.569, 327.030 looks on a white background.

Color Contrast Check

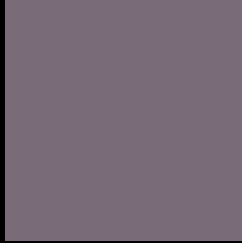
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.569, 327.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

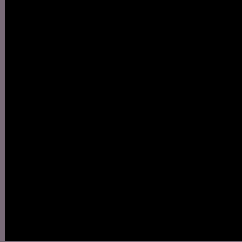
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 9.569, 327.030

Background



This preview shows how black text looks on a background with the CIELCh color 47, 9.569, 327.030.



This preview shows how white text looks on a background with the CIELCh color 47, 9.569, 327.030.

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, 9.569, 327.030

Protanopia

47, 6.518, 287.635

Deuteranopia

47, 8.196, 320.213



Tritanopia
47, 7.118, 338.652

Trichromacy



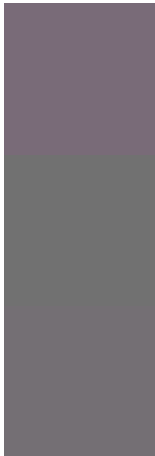
Original Color
47, 9.569, 327.030

Protanomaly
47, 6.730, 304.625

Deuteranomaly
47, 8.400, 322.633

Tritanomaly
47, 7.941, 332.256

Monochromacy



Original Color
47, 9.569, 327.030

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 3.601, 324.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 9.569, 327.030 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(121, 107, 120)` looks like.

```
.text, #text, p{  
    color:rgb(121, 107, 120)  
}
```

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(121, 107, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 107, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 9.569, 327.030 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(121, 107, 120) }
```

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

```
.border{ border-color:rgb(121, 107, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 107, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 107, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 107, 120);  
box-shadow:4px 4px 4px 4px rgb(121, 107,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 9.569, 327.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 107, 120) }
```

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

```
.background{ background-color: rgb(121,  
107, 120) }
```

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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