

# Converting Colors

CIELCh(47, 29.701, 324.705)

Have a look what the booklet for  
CIELCh(47, 29.701, 324.705)  
contains.

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# Color

**CIELCh(47, 29.701, 324.705)**

# Conversions

Conversions Part 1	
Format	Color
Hex	8B628D
RGB	139, 98, 141
RGB Percent	55%, 38%, 55%
CMY	0.4566, 0.6173, 0.4488
CMYK	0.01, 0.31, 0.00, 0.45
HSL	297°, 18%, 47%
HSV	297°, 31%, 55%
XYZ	19.6786, 16.0195, 27.0845
YIQ	115.1610, 10.6330, 22.0650

# Conversions

## Conversions Part 2

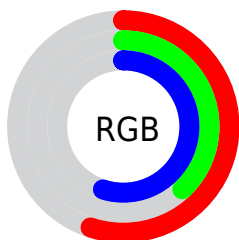
Format	Color
<a href="#">RYB</a>	<a href="#">139, 98, 141</a>
Decimal	<a href="#">9134733</a>
CIELab	<a href="#">47.00, 24.24, -17.16</a>
CIELCh	<a href="#">47, 29.701, 324.705</a>
Yxy	<a href="#">16.0195, 0.3134, 0.2552</a>
Android (android.graphics.Color)	<a href="#">4287324813</a> (0xFF8B628D)
YUV	<a href="#">115.1610, 12.7386, 20.9068</a>
Hunter-Lab	<a href="#">40.0243, 17.7197, -12.1046</a>

# Details

The CIELCh color  $47, 29.701, 324.705$  is a dark color, and the websafe version is hex  $996699$ . A complement of this color would be  $55, 29.625, 141.266$ , and the grayscale version is  $48, 0.006, 296.813$ .

A 20% lighter version of the original color is  $67, 29.975, 324.483$ , and  $27, 30.171, 324.483$  is the 20% darker color. If you saturate the color by 10%, you get  $44, 39.167, 325.171$ , and if you desaturate by 10%, it is  $51, 19.988, 324.212$ .

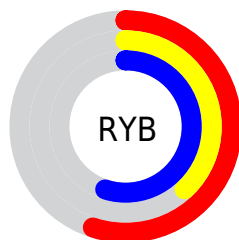
# Distribution



Red (55%)

Green (38%)

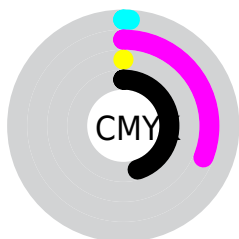
Blue (55%)



Red (55%)

Yellow (38%)

Blue (55%)

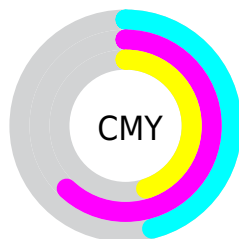


Cyan (1%)

Magenta (31%)

Yellow (0%)

Black (45%)



Cyan (46%)

Magenta (62%)

Yellow (45%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 29.701, 324.705 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, 29.701, 324.705 by changing the saturation by 10% instead.




 47, 29.701,  
324.705

 47, 29.701,  
324.705


 100, 29.701,  
324.705


 37, 29.701,  
324.705

 67, 29.701,  
324.705


 27, 29.701,  
324.705

 77, 29.701,  
324.705

 17, 29.701,  
324.705

 87, 29.701,  
324.705

 7, 29.701, 324.705

 97, 29.701,  
324.705


 0, 29.701, 324.705


 47, 29.701,


 47, 29.701,

324.705


 44, 39.167,  
325.171


 41, 48.126,  
325.593

 38, 56.246,  
325.952


 35, 63.162,  
326.227


 34, 68.533,  
326.400

 33, 72.135,  
326.459

 32, 74.363,  
326.442


324.705


 51, 19.988,  
324.212

 54, 10.228,  
323.702

 58, 0.556, 322.879

 62, 8.938, 142.753

 66, 18.203,  
142.270

 70, 27.210,  
141.815

 74, 35.946,  
141.386

 78, 44.411,  
140.984

 83, 52.611,  
140.608

# Harmonies

# Complementary

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



47, 29.701, 324.705



55, 29.625, 141.266

# Rectangle

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



47, 29.701, 324.705



47, 29.701, 14.705



47, 29.701, 144.705



47, 29.701, 194.705

# Sweetspot

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



47, 29.699, 324.705



70, 10.817, 323.630



44, 24.524, 291.860



36, 7.496, 323.698



88, 0.010, 296.813



39, 0.006, 296.813





# Same Dimension

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



47, 29.699, 324.705



58, 44.526, 325.046



47, 22.171, 343.642



28, 5.528, 323.630



30, 72.272, 326.448



1, 3.712, 323.189



# Inverse Universe

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



46, 18.691, 18.301



56, 28.772, 19.303



55, 21.559, 158.395



28, 3.249, 16.109



27, 62.659, 36.932

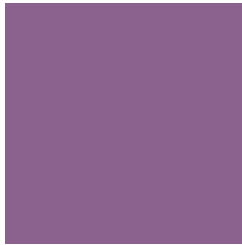


0, 2.128, 15.529



# Previews

## White Background



This preview shows how the CIELCh color 47, 29.701, 324.705 looks on a white background.

## Color Contrast Check

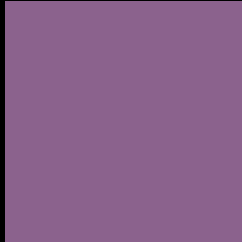
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.701, 324.705 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, 29.701, 324.705

## Background



This preview shows how black text looks on a background with the CIELCh color 47, 29.701, 324.705.



This preview shows how white text looks on a background with the CIELCh color 47, 29.701, 324.705.

# 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, 29.701, 324.705

### Protanopia

47, 23.771, 285.887

### Deuteranopia

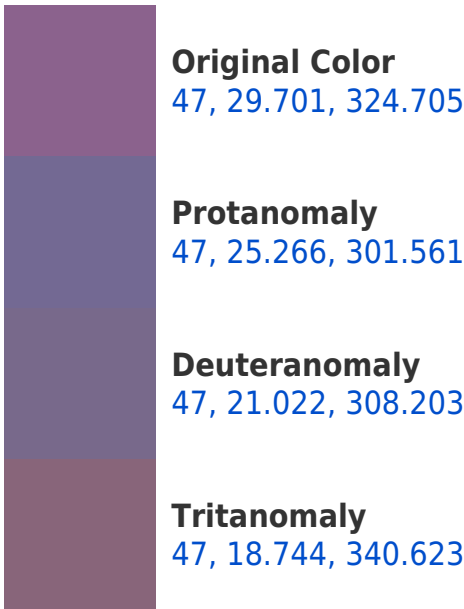
47, 17.193, 292.480



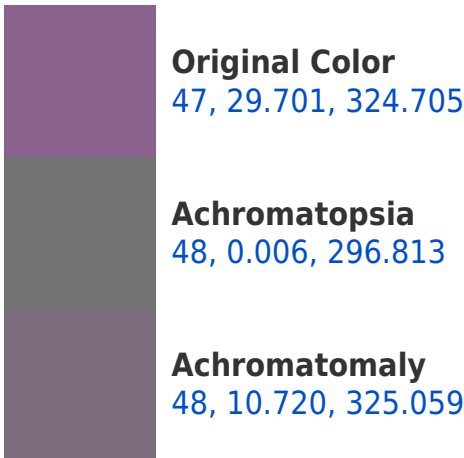


**Tritanopia**  
47, 14.159, 1.915

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 47, 29.701, 324.705 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(139, 98, 141)` looks like.

```
.text, #text, p{  
    color:rgb(139, 98, 141)  
}
```

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(139, 98, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 98, 141) }
```

## Border

The CSS property to change the border of an element to CIELCh 47, 29.701, 324.705 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(139, 98, 141) }
```

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

```
.border{ border-color:rgb(139, 98, 141) }
```

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

Here you see how a box with a 4 pixel rgb(139, 98, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 98, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 98, 141);  
box-shadow:4px 4px 4px 4px rgb(139, 98,  
141) }
```

# Background

The CSS property to change the background color of an element to CIELCh 47, 29.701, 324.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 98, 141) }
```

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

```
.background{ background-color: rgb(139, 98,  
141) }
```

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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