

Converting Colors

CIELCh(47, 28.269, 345.893)

Have a look what the booklet for
CIELCh(47, 28.269, 345.893)
contains.

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Color

CIELCh(47, 28.596, 345.727)

Conversions

Conversions Part 1

Format	Color
Hex	975E7C
RGB	151, 94, 124
RGB Percent	59%, 37%, 49%
CMY	0.4081, 0.6316, 0.5140
CMYK	0.00, 0.38, 0.18, 0.41
HSL	328°, 23%, 48%
HSV	328°, 38%, 59%
XYZ	20.3796, 16.0195, 21.0640
YIQ	114.4630, 24.3420, 21.4140

Conversions

Conversions Part 2

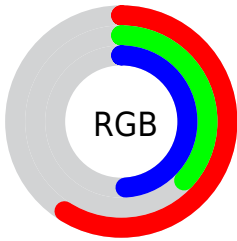
Format	Color
R_{YB}	151, 94, 124
Decimal	9920124
CIE _{Lab}	47.00, 27.71, -7.05
CIE _{LCh}	47, 28.596, 345.727
Yxy	16.0195, 0.3547, 0.2788
Android (android.graphics.Color)	4288110204 (0xFF975E7C)
YUV	114.4630, 4.7017, 32.0429
Hunter-Lab	40.0243, 20.8463, -3.1862

Details

The CIELCh color $47, 28.596, 345.727$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 27.519, 158.746$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 28.863, 345.013$, and $27, 28.660, 346.194$ is the 20% darker color. If you saturate the color by 10%, you get $43, 35.903, 346.951$, and if you desaturate by 10%, it is $51, 21.005, 344.659$.

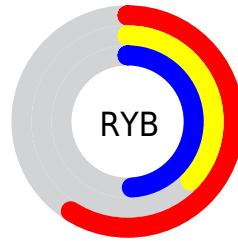
Distribution



Red (59%)

Green (37%)

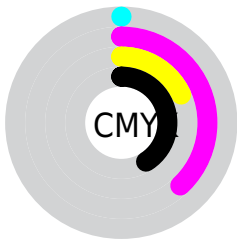
Blue (49%)



Red (59%)

Yellow (37%)

Blue (49%)

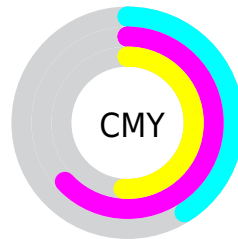


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (41%)



Cyan (41%)

Magenta (63%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 28.596, 345.727 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, 28.596, 345.727 by changing the saturation by 10% instead.

 47, 28.596,
345.727

 47, 28.596,
345.727

 100, 28.596,
345.727

 37, 28.596,
345.727

 67, 28.596,
345.727

 27, 28.596,
345.727

 77, 28.596,
345.727

 17, 28.596,
345.727

 87, 28.596,
345.727

 7, 28.596, 345.727

 97, 28.596,
345.727

 0, 28.596, 345.727

 47, 28.596,

 47, 28.596,

345.727

43, 35.903,
346.951

40, 42.642,
348.383

37, 48.450,
350.101

35, 52.960,
352.215

33, 55.895,
354.860

32, 57.395,
358.096

32, 57.713,
358.836

345.727

51, 21.005,
344.659

55, 13.352,
343.702

59, 5.775, 342.817

63, 1.637, 162.291

68, 8.837, 161.416

72, 15.803,
160.741

77, 22.529,
160.123

81, 29.024,
159.552

85, 35.296,

159.020

Harmonies

Complementary

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



47, 28.596, 345.727



58, 27.519, 158.746

Rectangle

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



47, 28.596, 345.727



47, 28.596, 35.727



47, 28.596, 165.727



47, 28.596, 215.727

Sweetspot

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



47, 28.594, 345.728



73, 10.182, 343.120



45, 35.421, 309.819



38, 6.905, 343.228



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



47, 28.594, 345.728



57, 42.007, 346.710



46, 25.094, 20.334



30, 4.260, 342.946



30, 54.748, 358.559



1, 4.529, 342.717

Inverse Universe

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



47, 28.594, 345.728



57, 42.007, 346.710



59, 19.704, 194.447



30, 4.260, 342.946



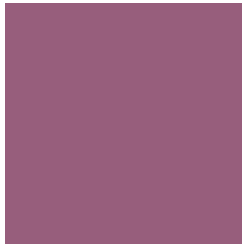
30, 54.748, 358.559



1, 4.529, 342.717

Previews

White Background



This preview shows how the CIELCh color 47, 28.596, 345.727 looks on a white background.

Color Contrast Check

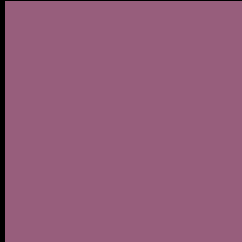
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.596, 345.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

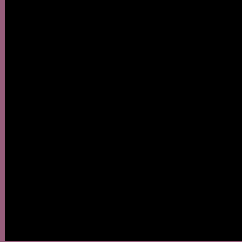
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 28.596, 345.727

Background



This preview shows how black text looks on a background with the CIELCh color 47, 28.596, 345.727.



This preview shows how white text looks on a background with the CIELCh color 47, 28.596, 345.727.

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, 28.596, 345.727

Protanopia

47, 14.241, 286.133

Deuteranopia

47, 7.996, 317.681



Tritanopia
47, 22.657, 10.702

Trichromacy



Original Color
47, 28.596, 345.727

Protanomaly
47, 16.983, 316.294

Deuteranomaly
47, 14.924, 335.945

Tritanomaly
47, 24.274, 0.289

Monochromacy



Original Color
47, 28.596, 345.727

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 10.422, 342.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 28.596, 345.727 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(151, 94, 124)` looks like.

```
.text, #text, p{  
    color:rgb(151, 94, 124)  
}
```

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(151, 94, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 94, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 28.596, 345.727 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(151, 94, 124) }
```

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

```
.border{ border-color:rgb(151, 94, 124) }
```

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

Here you see how a box with a 4 pixel rgb(151, 94, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 94, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 94, 124);  
box-shadow:4px 4px 4px 4px rgb(151, 94,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 28.596, 345.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 94, 124) }
```

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

```
.background{ background-color: rgb(151, 94,  
124) }
```

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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