

Converting Colors

CIELCh(47, 28.437, 349.872)

Have a look what the booklet for
CIELCh(47, 28.437, 349.872)
contains.

CIELCh(47, 28.403, 349.885)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(47, 28.403, 349.885)

Conversions

Conversions Part 1

Format	Color
Hex	995E79
RGB	153, 94, 121
RGB Percent	60%, 37%, 47%
CMY	0.4019, 0.6331, 0.5273
CMYK	0.00, 0.39, 0.21, 0.40
HSL	333°, 24%, 48%
HSV	333°, 39%, 60%
XYZ	20.4304, 16.0195, 19.9576
YIQ	114.7190, 26.4970, 20.9050

Conversions

Conversions Part 2

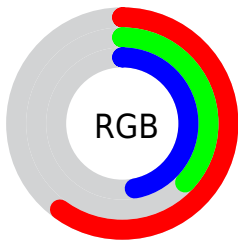
Format	Color
R_{YB}	153, 94, 121
Decimal	10051193
CIE _{Lab}	47.00, 27.96, -4.99
CIE _{LCh}	47, 28.403, 349.885
Yxy	16.0195, 0.3622, 0.2840
Android (android.graphics.Color)	4288241273 (0xFF995E79)
YUV	114.7190, 3.0965, 33.5724
Hunter-Lab	40.0243, 21.0727, -1.5471

Details

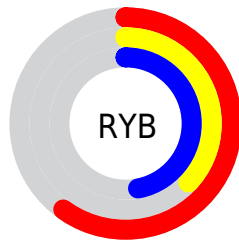
The CIELCh color $47, 28.403, 349.885$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 26.844, 162.233$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 28.396, 349.757$, and $27, 28.394, 349.096$ is the 20% darker color. If you saturate the color by 10%, you get $43, 35.560, 351.292$, and if you desaturate by 10%, it is $51, 20.996, 348.682$.

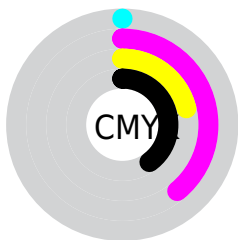
Distribution



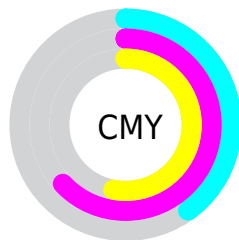
- Red (60%)
- Green (37%)
- Blue (47%)



- Red (60%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 28.403, 349.885 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, 28.403, 349.885 by changing the saturation by 10% instead.

 47, 28.403,
349.885

 47, 28.403,
349.885

 100, 28.403,
349.885

 37, 28.403,
349.885

 67, 28.403,
349.885


 27, 28.403,
349.885

 77, 28.403,
349.885

 17, 28.403,
349.885

 87, 28.403,
349.885

 7, 28.403, 349.885

 97, 28.403,
349.885

 0, 28.403, 349.885

 47, 28.403,

 47, 28.403,

349.885

349.885

43, 35.560,
351.292

51, 20.996,
348.682

40, 42.185,
352.972

55, 13.554,
347.625

37, 47.926,
355.029

59, 6.213, 346.665

35, 52.430,
357.599

64, 0.943, 166.250

68, 7.872, 165.170

33, 55.462, 0.840

72, 14.555,
164.456

32, 57.287, 4.756

77, 20.992,

32, 57.540, 5.283

163.811

81, 27.191,
163.218

86, 33.165,

Harmonies

Complementary

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



47, 28.403, 349.885



58, 26.844, 162.233

Rectangle

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



47, 28.403, 349.885



47, 28.403, 39.885



47, 28.403, 169.885



47, 28.403, 219.885

Sweetspot

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



47, 28.401, 349.886



74, 10.743, 347.003



45, 36.924, 312.025



38, 7.118, 347.112



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, 28.401, 349.886



57, 41.808, 351.031



47, 25.410, 25.311



30, 4.070, 346.719



29, 54.137, 4.906



1, 4.324, 346.426

Inverse Universe

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



47, 28.401, 349.886



57, 41.808, 351.031



59, 19.379, 200.995



30, 4.070, 346.719



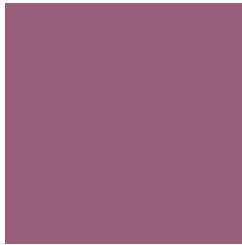
29, 54.137, 4.906



1, 4.324, 346.426

Previews

White Background



This preview shows how the CIELCh color 47, 28.403, 349.885 looks on a white background.

Color Contrast Check

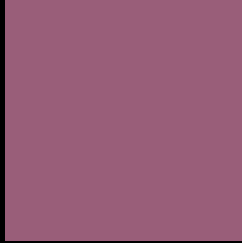
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.403, 349.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

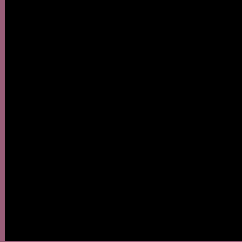
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 28.403, 349.885

Background



This preview shows how black text looks on a background with the CIELCh color 47, 28.403, 349.885.



This preview shows how white text looks on a background with the CIELCh color 47, 28.403, 349.885.

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, 28.403, 349.885

Protanopia

47, 12.453, 286.678

Deuteranopia

47, 6.961, 330.406



Tritanopia
47, 23.486, 12.693

Trichromacy



Original Color
47, 28.403, 349.885

Protanomaly
47, 15.586, 320.357

Deuteranomaly
47, 15.096, 342.723

Tritanomaly
47, 24.800, 3.786

Monochromacy



Original Color
47, 28.403, 349.885

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 10.116, 349.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 28.403, 349.885 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(153, 94, 121)` looks like.

```
.text, #text, p{  
    color:rgb(153, 94, 121)  
}
```

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(153, 94, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 94, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 28.403, 349.885 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(153, 94, 121) }
```

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

```
.border{ border-color:rgb(153, 94, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 94, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 94, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 94, 121);  
box-shadow:4px 4px 4px 4px rgb(153, 94,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 28.403, 349.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 94, 121) }
```

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

```
.background{ background-color: rgb(153, 94,  
121) }
```

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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