

Converting Colors

CIELCh(47, 40.937, 325.400)

Have a look what the booklet for
CIELCh(47, 40.937, 325.400)
contains.

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Color

CIELCh(47, 40.817, 325.537)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 955B97 |
| RGB | 149, 91, 151 |
| RGB Percent | 58%, 36%, 59% |
| CMY | 0.4169, 0.6442, 0.4090 |
| CMYK | 0.01, 0.40, 0.00, 0.41 |
| HSL | 298°, 25%, 47% |
| HSV | 298°, 40%, 59% |
| XYZ | 21.6174, 16.0195, 31.1032 |
| YIQ | 115.1820, 15.3080, 30.9560 |

Conversions

Conversions Part 2

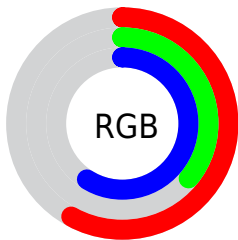
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 149, 91, 151 |
| Decimal | 9788311 |
| CIE _{Lab} | 47.00, 33.65, -23.10 |
| CIE _{LCh} | 47, 40.817, 325.537 |
| Yxy | 16.0195, 0.3145, 0.2330 |
| Android (android.graphics.Color) | 4287978391 (0xFF955B97) |
| YUV | 115.1820, 17.6583, 29.6584 |
| Hunter-Lab | 40.0243, 26.3665, -18.0577 |

Details

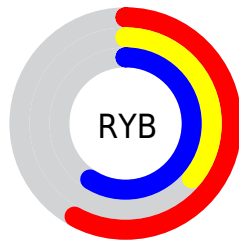
The CIELCh color $47, 40.817, 325.537$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 40.785, 140.782$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 40.918, 325.644$, and $27, 41.210, 325.639$ is the 20% darker color. If you saturate the color by 10%, you get $44, 50.332, 325.973$, and if you desaturate by 10%, it is $51, 30.756, 325.058$.

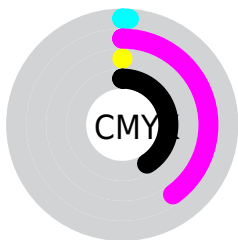
Distribution



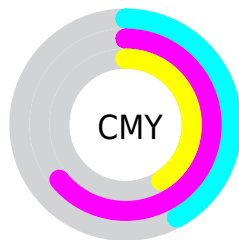
- Red (58%)
- Green (36%)
- Blue (59%)



- Red (58%)
- Yellow (36%)
- Blue (59%)



- Cyan (1%)
- Magenta (40%)
- Yellow (0%)
- Black (41%)





- Cyan (42%)
- Magenta (64%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 40.817, 325.537 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, 40.817, 325.537 by changing the saturation by 10% instead.


 47, 40.817,
325.537

 47, 40.817,
325.537


 100, 40.817,
325.537


 37, 40.817,
325.537


 67, 40.817,
325.537


 27, 40.817,
325.537


 77, 40.817,
325.537

 17, 40.817,
325.537

 87, 40.817,
325.537

 7, 40.817, 325.537

 97, 40.817,
325.537

 0, 40.817, 325.537

 47, 40.817,

 47, 40.817,

325.537

44, 50.332,
325.973

41, 58.956,
326.348

38, 66.296,
326.643

37, 71.991,
326.840

35, 75.808,
326.931

35, 78.133,
326.938

35, 78.178,
326.938

325.537

51, 30.756,
325.058

54, 20.438,
324.553

58, 10.072,
324.031

62, 0.196, 144.576

67, 10.272,
143.061

71, 20.100,
142.568

75, 29.648,
142.104

79, 38.905,
141.666

■ 84, 47.870,
141.254

Harmonies

Complementary

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



47, 40.817, 325.537



57, 40.785, 140.782

Rectangle

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



47, 40.817, 325.537



47, 40.817, 15.537



47, 40.817, 145.537



47, 40.817, 195.537

Sweetspot

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



47, 40.815, 325.537



73, 15.322, 324.160



42, 34.442, 293.431



38, 10.250, 324.222



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, 40.815, 325.537



57, 60.285, 325.939



46, 30.506, 344.637



30, 5.879, 324.001



32, 74.184, 326.946



1, 6.309, 323.429

Inverse Universe

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



45, 26.582, 20.642



54, 40.811, 22.268



58, 29.468, 157.352



30, 3.439, 17.188



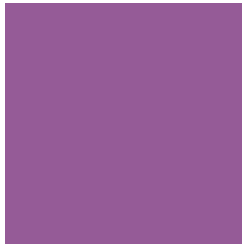
28, 64.999, 37.716



1, 3.602, 16.671

Previews

White Background



This preview shows how the CIELCh color 47, 40.817, 325.537 looks on a white background.

Color Contrast Check

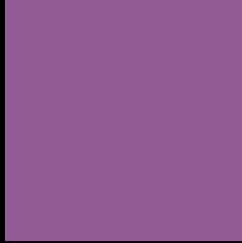
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.817, 325.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

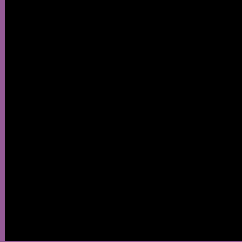
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 40.817, 325.537

Background



This preview shows how black text looks on a background with the CIELCh color 47, 40.817, 325.537.



This preview shows how white text looks on a background with the CIELCh color 47, 40.817, 325.537.

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, 40.817, 325.537

Protanopia

47, 33.288, 285.357

Deuteranopia

47, 21.961, 286.724



Tritanopia
47, 18.757, 7.530

Trichromacy



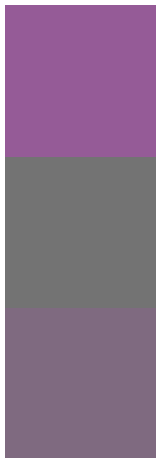
Original Color
47, 40.817, 325.537

Protanomaly
47, 34.077, 300.206

Deuteranomaly
47, 27.505, 306.427

Tritanomaly
47, 24.823, 343.239

Monochromacy



Original Color
47, 40.817, 325.537

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 15.454, 324.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 40.817, 325.537 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(149, 91, 151)` looks like.

```
.text, #text, p{  
    color:rgb(149, 91, 151)  
}
```

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(149, 91, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 91, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 40.817, 325.537 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(149, 91, 151) }
```

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

```
.border{ border-color:rgb(149, 91, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 91, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 91, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 91, 151);  
box-shadow:4px 4px 4px 4px rgb(149, 91,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 40.817, 325.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 91, 151) }
```

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

```
.background{ background-color: rgb(149, 91,  
151) }
```

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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