

Converting Colors

CIELCh(41, 47.347, 315.564)

Have a look what the booklet for
CIELCh(41, 47.347, 315.564)
contains.

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Color

CIELCh(41, 47.197, 315.710)

Conversions

Conversions Part 1

Format	Color
Hex	7C4D97
RGB	124, 77, 151
RGB Percent	49%, 30%, 59%
CMY	0.5131, 0.6975, 0.4072
CMYK	0.18, 0.49, 0.00, 0.41
HSL	278°, 32%, 45%
HSV	278°, 49%, 59%
XYZ	16.5979, 11.8645, 30.7610
YIQ	99.4890, 4.2580, 32.9780

Conversions

Conversions Part 2

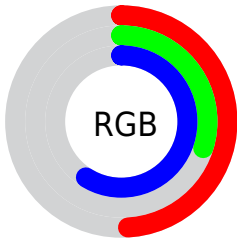
Format	Color
R_{YB}	124, 77, 151
Decimal	8146327
CIE _{Lab}	41.00, 33.78, -32.96
CIE _{LCh}	41, 47.197, 315.710
Yxy	11.8645, 0.2803, 0.2003
Android (android.graphics.Color)	4286336407 (0xFF7C4D97)
YUV	99.4890, 25.3949, 21.4961
Hunter-Lab	34.4449, 25.7346, -28.8374

Details

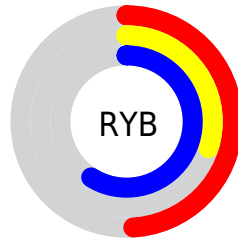
The CIELCh color $41, 47.197, 315.710$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 45.080, 131.363$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 47.611, 315.645$, and $21, 47.193, 315.617$ is the 20% darker color. If you saturate the color by 10%, you get $37, 56.488, 316.050$, and if you desaturate by 10%, it is $45, 37.522, 315.303$.

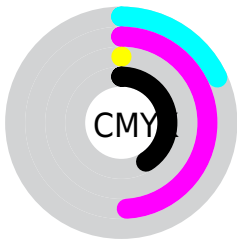
Distribution



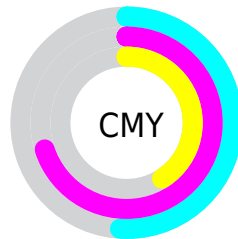
- Red (49%)
- Green (30%)
- Blue (59%)



- Red (49%)
- Yellow (30%)
- Blue (59%)



- Cyan (18%)
- Magenta (49%)
- Yellow (0%)
- Black (41%)





- Cyan (51%)
- Magenta (70%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 47.197, 315.710 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 41, 47.197, 315.710 by changing the saturation by 10% instead.


 41, 47.197,
315.710


 41, 47.197,
315.710


 100, 47.197,
315.710


 31, 47.197,
315.710

 61, 47.197,
315.710


 21, 47.197,
315.710

 71, 47.197,
315.710

 11, 47.197,
315.710

 81, 47.197,
315.710

 1, 47.197, 315.710

 91, 47.197,
315.710

 0, 47.197, 315.710

 41, 47.197,

 41, 47.197,

315.710

37, 56.488,
316.050

34, 65.020,
316.271

30, 72.303,
316.305

28, 77.816,
316.078

26, 81.602,
315.608

26, 81.994,
315.565

315.710

45, 37.522,
315.303

49, 27.731,
314.867

54, 17.993,
314.427

58, 8.412, 313.993

63, 0.953, 133.745

68, 10.072,
133.248

72, 18.933,
132.901

77, 27.534,
132.590

■ 81, 35.882,
132.312

Harmonies

Complementary

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



41, 47.197, 315.710



58, 45.080, 131.363

Rectangle

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



41, 47.197, 315.710



41, 47.197, 5.710



41, 47.197, 135.710



41, 47.197, 185.710

Sweetspot

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



41, 47.196, 315.710



71, 17.547, 314.267



44, 28.891, 277.106



36, 12.092, 314.351



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



41, 47.196, 315.710



48, 69.862, 316.084



44, 45.737, 331.201



30, 5.359, 314.005



24, 77.596, 315.633



1, 5.719, 313.295

Inverse Universe

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



43, 34.157, 357.581



51, 50.312, 359.832



57, 45.920, 144.242



30, 3.845, 352.404



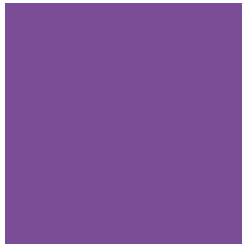
29, 54.600, 13.728



1, 4.078, 352.020

Previews

White Background



This preview shows how the CIELCh color 41, 47.197, 315.710 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 41, 47.197, 315.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

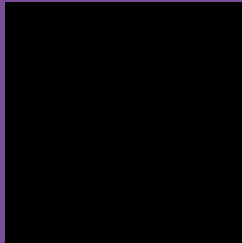
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 47.197, 315.710

Background



This preview shows how black text looks on a background with the CIELCh color 41, 47.197, 315.710.



This preview shows how white text looks on a background with the CIELCh color 41, 47.197, 315.710.

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

41, 47.197, 315.710

Protanopia

41, 43.797, 285.828

Deuteranopia

41, 30.790, 280.693



Tritanopia
41, 11.869, 0.325

Trichromacy



Original Color
41, 47.197, 315.710

Protanomaly
41, 43.643, 295.514

Deuteranomaly
41, 35.864, 296.304

Tritanomaly
41, 23.581, 327.591

Monochromacy



Original Color
41, 47.197, 315.710

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 17.734, 314.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 47.197, 315.710 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(124, 77, 151)` looks like.

```
.text, #text, p{  
    color:rgb(124, 77, 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(124, 77, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 77, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 47.197, 315.710 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(124, 77, 151) }
```

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

```
.border{ border-color:rgb(124, 77, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 77, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 77, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 77, 151);  
box-shadow:4px 4px 4px 4px rgb(124, 77,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 47.197, 315.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 77, 151) }
```

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

```
.background{ background-color: rgb(124, 77,  
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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