

Converting Colors

CIELCh(41, 99.583, 316.387)

Have a look what the booklet for
CIELCh(41, 99.583, 316.387)
contains.

CIELCh(41, 99.597, 316.375)	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(41, 99.597, 316.375)

Conversions

Conversions Part 1

Format	Color
Hex	931DD4
RGB	147, 29, 212
RGB Percent	58%, 11%, 83%
CMY	0.4230, 0.8855, 0.1681
CMYK	0.31, 0.86, 0.00, 0.17
HSL	279°, 76%, 47%
HSV	279°, 86%, 83%
XYZ	24.4022, 11.8645, 63.3800
YIQ	85.1440, 11.5850, 81.9290

Conversions

Conversions Part 2

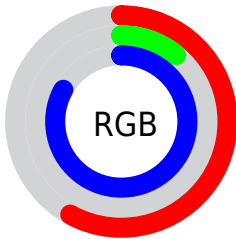
Format	Color
R_{YB}	147, 29, 212
Decimal	9641428
CIE _{Lab}	41.00, 72.10, -68.72
CIE _{LCh}	41, 99.597, 316.375
Yxy	11.8645, 0.2449, 0.1191
Android (android.graphics.Color)	4287831508 (0xFF931DD4)
YUV	85.1440, 62.5400, 54.2477
Hunter-Lab	34.4449, 66.1780, -84.9844

Details

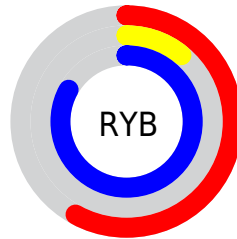
The CIELCh color **41, 99.597, 316.375** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **76, 93.462, 131.119**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 92.401, 318.111**, and **25, 85.160, 313.599** is the 20% darker color. If you saturate the color by 10%, you get **39, 104.125, 315.829**, and if you desaturate by 10%, it is **44, 92.219, 316.590**.

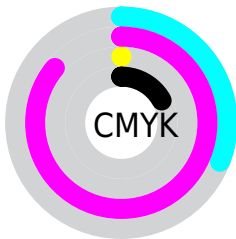
Distribution



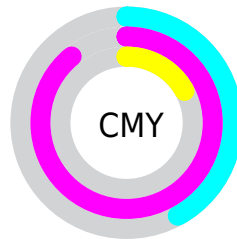
- Red (58%)
- Green (11%)
- Blue (83%)



- Red (58%)
- Yellow (11%)
- Blue (83%)



- Cyan (31%)
- Magenta (86%)
- Yellow (0%)
- Black (17%)





- Cyan (42%)
- Magenta (89%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 99.597, 316.375 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, 99.597, 316.375 by changing the saturation by 10% instead.


 41, 99.597,
316.375


 41, 99.597,
316.375


 100, 99.597,
316.375


 31, 99.597,
316.375

 61, 99.597,
316.375


 21, 99.597,
316.375

 71, 99.597,
316.375


 11, 99.597,
316.375


 81, 99.597,
316.375

 1, 99.597, 316.375

 91, 99.597,
316.375

 0, 99.597, 316.375

 41, 99.597,

 41, 99.597,

316.375

■ 39, 104.125,
315.829

■ 38, 105.411,
315.583

316.375

■ 44, 92.219,
316.590

■ 48, 82.497,
316.540

■ 53, 71.145,
316.303

■ 58, 58.821,
315.948

■ 64, 46.029,
315.529

■ 69, 33.115,
315.083

■ 75, 20.297,
314.635

■ 81, 7.708, 314.192

Harmonies

Complementary

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



41, 99.597, 316.375



76, 93.462, 131.119

Rectangle

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



41, 99.597, 316.375



41, 99.597, 6.375



41, 99.597, 136.375



41, 99.597, 186.375

Sweetspot

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



41, 99.596, 316.375



82, 38.105, 315.085



43, 69.271, 289.817



41, 25.900, 315.242



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



41, 99.596, 316.375



46, 121.204, 315.473



50, 88.256, 333.536



42, 7.098, 314.334



30, 89.618, 315.738



4, 30.155, 314.447

Inverse Universe

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



47, 70.312, 9.631



54, 86.132, 17.182



75, 94.622, 138.941



42, 5.054, 353.067



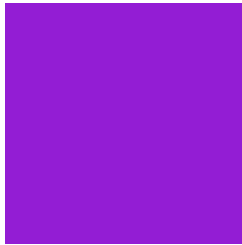
36, 63.451, 15.622



5, 22.493, 3.270

Previews

White Background



This preview shows how the CIELCh color 41, 99.597, 316.375 looks on a white background.

Color Contrast Check

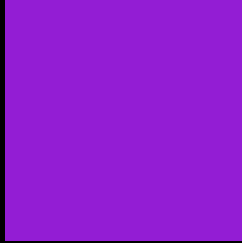
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.597, 316.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

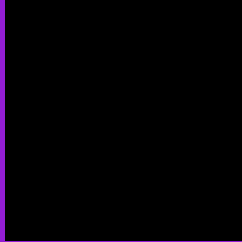
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 41, 99.597, 316.375

Background



This preview shows how black text looks on a background with the CIELCh color 41, 99.597, 316.375.



This preview shows how white text looks on a background with the CIELCh color 41, 99.597, 316.375.

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, 99.597, 316.375

Protanopia

41, 63.069, 286.675

Deuteranopia

41, 45.348, 274.555



Tritanopia
41, 17.869, 8.551

Trichromacy



Original Color
41, 99.597, 316.375

Protanomaly
37, 80.676, 299.034

Deuteranomaly
36, 69.133, 296.577

Tritanomaly
39, 48.370, 326.210

Monochromacy



Original Color
41, 99.597, 316.375

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 43.272, 316.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 99.597, 316.375 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(147, 29, 212)` looks like.

```
.text, #text, p{  
    color:rgb(147, 29, 212)  
}
```

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(147, 29, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 29, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 99.597, 316.375 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(147, 29, 212) }
```

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

```
.border{ border-color:rgb(147, 29, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 29, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 29, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 29, 212);  
box-shadow:4px 4px 4px 4px rgb(147, 29,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 99.597, 316.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 29, 212) }
```

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

```
.background{ background-color: rgb(147, 29,  
212) }
```

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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