

Converting Colors

CIELCh(41, 114.819, 314.250)

Have a look what the booklet for
CIELCh(41, 114.819, 314.250)
contains.

CIELCh(41, 114.960, 314.233)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(41, 114.960, 314.233)

Conversions

Conversions Part 1

Format	Color
Hex	8E03EC
RGB	142, 3, 236
RGB Percent	56%, 1%, 93%
CMY	0.4433, 0.9886, 0.0746
CMYK	0.40, 0.99, 0.00, 0.07
HSL	276°, 98%, 47%
HSV	276°, 99%, 93%
XYZ	26.3157, 11.8645, 80.2330
YIQ	71.1230, 8.0510, 101.9310

Conversions

Conversions Part 2

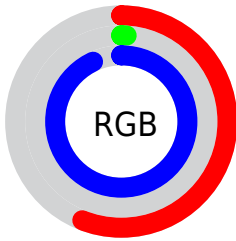
Format	Color
RYB	142, 3, 236
Decimal	9307116
CIELab	41.00, 80.19, -82.37
CIElCh	41, 114.960, 314.233
Yxy	11.8645, 0.2222, 0.1002
Android (android.graphics.Color)	4287497196 (0xFF8E03EC)
YUV	71.1230, 81.2844, 62.1591
Hunter-Lab	34.4449, 76.0940, -113.9935

Details

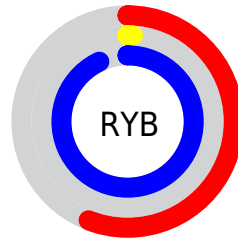
The CIELCh color **41, 114.960, 314.233** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **83, 105.807, 130.999**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 96.665, 318.109**, and **26, 96.857, 310.672** is the 20% darker color. If you saturate the color by 10%, you get **41, 115.414, 314.148**, and if you desaturate by 10%, it is **43, 110.570, 314.883**.

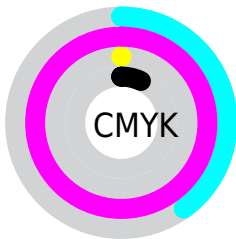
Distribution



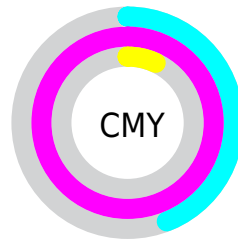
- Red (56%)
- Green (1%)
- Blue (93%)



- Red (56%)
- Yellow (1%)
- Blue (93%)



- Cyan (40%)
- Magenta (99%)
- Yellow (0%)
- Black (7%)





- Cyan (44%)
- Magenta (99%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 114.960, 314.233 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, 114.960, 314.233 by changing the saturation by 10% instead.


 41, 114.960,
314.233


 41, 114.960,
314.233


 100, 114.960,
314.233


 31, 114.960,
314.233


 61, 114.960,
314.233


 21, 114.960,
314.233


 71, 114.960,
314.233


 11, 114.960,
314.233

 81, 114.960,
314.233

 1, 114.960,
314.233

 91, 114.960,
314.233

 0, 114.960,
314.233

 41, 114.960,

 41, 114.960,

314.233

314.233

■ 41, 115.414,
314.148

■ 43, 110.570,
314.883

■ 47, 103.065,
315.177

■ 51, 92.796,
315.161

■ 56, 80.596,
314.928

■ 62, 67.249,
314.560

■ 68, 53.354,
314.120

■ 75, 39.318,
313.651

■ 81, 25.392,
313.183

■ 88, 11.724,
312.728

Harmonies

Complementary

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



41, 114.960, 314.233



83, 105.807, 130.999

Rectangle

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



41, 114.960, 314.233



41, 114.960, 4.233



41, 114.960, 134.233



41, 114.960, 184.233

Sweetspot

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



41, 114.960, 314.234



79, 43.708, 313.715



46, 80.208, 291.406



39, 29.916, 313.915



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, 114.960, 314.234



44, 122.436, 314.102



55, 101.842, 331.866



46, 7.563, 312.759



31, 94.505, 314.334



5, 38.135, 314.878

Inverse Universe

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



50, 79.762, 11.630



54, 84.946, 12.496



82, 111.047, 136.655



46, 5.603, 350.022



38, 65.534, 11.266



7, 27.972, 2.622

Previews

White Background



This preview shows how the CIELCh color 41, 114.960, 314.233 looks on a white background.

Color Contrast Check

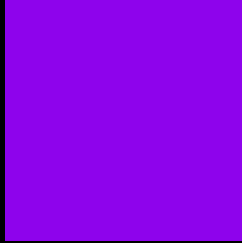
Large Text (above 18pt) WCAG AA ✓ Pass

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, 114.960, 314.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

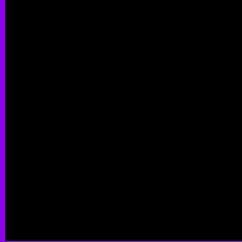
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 114.960, 314.233

Background



This preview shows how black text looks on a background with the CIELCh color 41, 114.960, 314.233.



This preview shows how white text looks on a background with the CIELCh color 41, 114.960,

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, 114.960, 314.233

Protanopia

42, 63.000, 286.452

Deuteranopia

42, 44.300, 273.309



Tritanopia
41, 9.842, 355.414

Trichromacy



Original Color
41, 114.960, 314.233



Protanomaly
36, 90.530, 301.172



Deuteranomaly
35, 79.486, 299.574



Tritanomaly
37, 56.845, 318.651

Monochromacy



Original Color
41, 114.960, 314.233



Achromatopsia
30, 0.005, 296.813



Achromatomaly
30, 54.866, 315.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 114.960, 314.233 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(142, 3, 236)` looks like.

```
.text, #text, p{  
    color:rgb(142, 3, 236)  
}
```

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(142, 3, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 3, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 114.960, 314.233 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(142, 3, 236) }
```

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

```
.border{ border-color:rgb(142, 3, 236) }
```

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

Here you see how a box with a 4 pixel rgb(142, 3, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 3, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 3, 236);  
box-shadow:4px 4px 4px 4px rgb(142, 3,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 114.960, 314.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 3, 236) }
```

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

```
.background{ background-color: rgb(142, 3,  
236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor