

Converting Colors

CIELCh(41, 93.729, 314.015)

Have a look what the booklet for
CIELCh(41, 93.729, 314.015)
contains.

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Color

CIELCh(41, 93.720, 314.027)

Conversions

Conversions Part 1

Format	Color
Hex	892ED2
RGB	137, 46, 210
RGB Percent	54%, 18%, 82%
CMY	0.4638, 0.8208, 0.1776
CMYK	0.35, 0.78, 0.00, 0.18
HSL	273°, 64%, 50%
HSV	273°, 78%, 82%
XYZ	22.8337, 11.8645, 61.8780
YIQ	91.9050, 1.5920, 70.2960

Conversions

Conversions Part 2

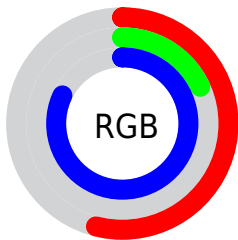
Format	Color
R_{YB}	137, 46, 210
Decimal	8990418
CIE _{Lab}	41.00, 65.14, -67.39
CIE _{LCh}	41, 93.720, 314.027
Yxy	11.8645, 0.2364, 0.1229
Android (android.graphics.Color)	4287180498 (0xFF892ED2)
YUV	91.9050, 58.2208, 39.5483
Hunter-Lab	34.4449, 58.0496, -82.3991

Details

The CIELCh color **41, 93.720, 314.027** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark washed purple. A complement of this color would be **76, 85.119, 128.246**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 87.539, 315.506**, and **24, 85.384, 312.205** is the 20% darker color. If you saturate the color by 10%, you get **38, 101.168, 313.812**, and if you desaturate by 10%, it is **45, 83.882, 313.936**.

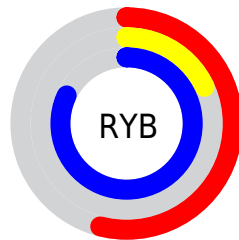
Distribution



Red (54%)

Green (18%)

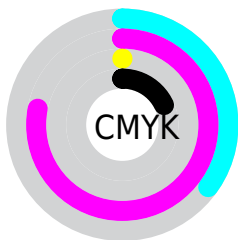
Blue (82%)



Red (54%)

Yellow (18%)

Blue (82%)

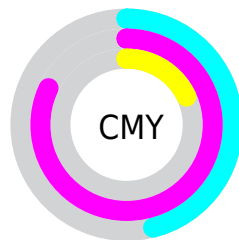


Cyan (35%)

Magenta (78%)

Yellow (0%)

Black (18%)



Cyan (46%)


Magenta (82%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 93.720, 314.027 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, 93.720, 314.027 by changing the saturation by 10% instead.


 41, 93.720,
314.027


 41, 93.720,
314.027


 100, 93.720,
314.027


 31, 93.720,
314.027

 61, 93.720,
314.027


 21, 93.720,
314.027

 71, 93.720,
314.027


 11, 93.720,
314.027

 81, 93.720,
314.027

 1, 93.720, 314.027

 91, 93.720,
314.027

 0, 93.720, 314.027

 41, 93.720,

 41, 93.720,

314.027

■ 38, 101.168,
313.812

■ 35, 105.784,
313.233

■ 35, 106.501,
313.123

314.027

■ 45, 83.882,
313.936

■ 50, 72.456,
313.638

■ 56, 60.148,
313.219

■ 61, 47.465,
312.741

■ 67, 34.738,
312.247

■ 73, 22.168,
311.762

■ 79, 9.865, 311.298

■ 85, 2.112, 130.958

■ 91, 13.741,
130.519

Harmonies

Complementary

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



41, 93.720, 314.027



76, 85.119, 128.246

Rectangle

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



41, 93.720, 314.027



41, 93.720, 4.027



41, 93.720, 134.027



41, 93.720, 184.027

Sweetspot

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



41, 93.720, 314.027



84, 33.016, 312.005



50, 53.733, 279.844



42, 22.944, 312.183



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, 93.720, 314.027



44, 121.168, 313.441



52, 89.131, 329.728



41, 6.814, 311.353



27, 90.279, 313.296



3, 27.085, 309.656

Inverse Universe

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



48, 66.827, 359.007



55, 83.456, 5.478



74, 92.368, 138.216



41, 5.230, 347.494



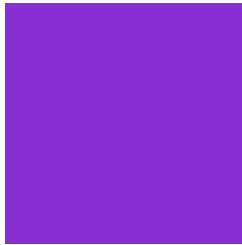
36, 61.846, 6.916



5, 21.319, 357.411

Previews

White Background



This preview shows how the CIELCh color 41, 93.720, 314.027 looks on a white background.

Color Contrast Check

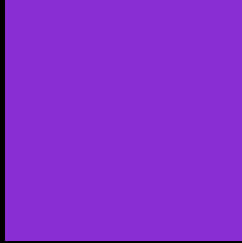
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 41, 93.720, 314.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

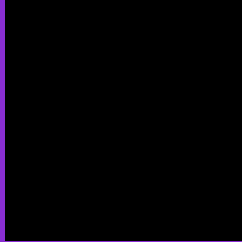
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 93.720, 314.027

Background



This preview shows how black text looks on a background with the CIELCh color 41, 93.720, 314.027.

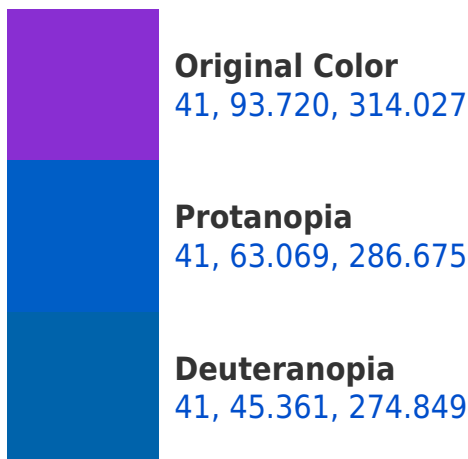



This preview shows how white text looks on a background with the CIELCh color 41, 93.720, 314.027.

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





Tritanopia
41, 11.464, 359.473

Trichromacy



Original Color
41, 93.720, 314.027

Protanomaly
38, 76.360, 296.943

Deuteranomaly
38, 64.124, 293.706

Tritanomaly
39, 42.318, 319.679

Monochromacy



Original Color
41, 93.720, 314.027

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 38.633, 312.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 93.720, 314.027 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(137, 46, 210)` looks like.

```
.text, #text, p{  
    color:rgb(137, 46, 210)  
}
```

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(137, 46, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 46, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 93.720, 314.027 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(137, 46, 210) }
```

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

```
.border{ border-color:rgb(137, 46, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 46, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 46, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 46, 210);  
box-shadow:4px 4px 4px 4px rgb(137, 46,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 93.720, 314.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 46, 210) }
```

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

```
.background{ background-color: rgb(137, 46,  
210) }
```

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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