

Converting Colors

CIELCh(44, 122.240, 314.214)

Have a look what the booklet for
CIELCh(44, 122.240, 314.214)
contains.

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Color

CIELCh(44, 122.025, 314.152)

Conversions

Conversions Part 1

Format	Color
Hex	9800FE
RGB	152, 0, 254
RGB Percent	60%, 0%, 100%
CMY	0.4038, 0.9997, 0.0038
CMYK	0.40, 1.00, 0.00, 0.00
HSL	276°, 100%, 50%
HSV	276°, 100%, 100%
XYZ	30.8503, 13.8382, 94.8361
YIQ	74.4040, 9.0580, 111.2180

Conversions

Conversions Part 2

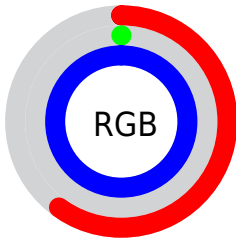
Format	Color
RYB	152, 0, 254
Decimal	9961726
CIELab	44.00, 85.00, -87.55
CIELCh	44, 122.025, 314.152
Yxy	13.8382, 0.2211, 0.0992
Android (android.graphics.Color)	4288151806 (0xFF9800FE)
YUV	74.4040, 88.5408, 68.0517
Hunter-Lab	37.1997, 82.9333, -125.1127

Details

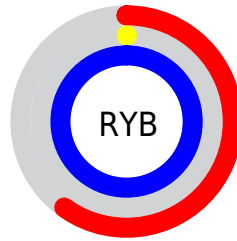
The CIELCh color **44, 122.025, 314.152** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **89, 112.455, 131.218**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 95.420, 319.946**, and **30, 103.533, 310.755** is the 20% darker color. If you saturate the color by 10%, you get **44, 122.037, 314.150**, and if you desaturate by 10%, it is **46, 117.812, 314.850**.

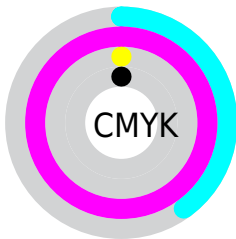
Distribution



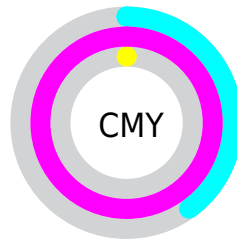
- Red (60%)
- Green (0%)
- Blue (100%)



- Red (60%)
- Yellow (0%)
- Blue (100%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (100%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 122.025, 314.152 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 44, 122.025, 314.152 by changing the saturation by 10% instead.


 44, 122.025,
314.152


 44, 122.025,
314.152


 100, 122.025,
314.152


 34, 122.025,
314.152


 64, 122.025,
314.152


 24, 122.025,
314.152


 74, 122.025,
314.152


 14, 122.025,
314.152


 84, 122.025,
314.152

 4, 122.025,
314.152

 94, 122.025,
314.152

 0, 122.025,
314.152

 44, 122.025,

 44, 122.025,

314.152

314.152

■ 44, 122.037,
314.150

■ 46, 117.812,
314.850

■ 50, 110.372,
315.201

■ 54, 99.870,
315.228

■ 60, 87.171,
315.022

■ 66, 73.136,
314.669

■ 72, 58.438,
314.235

■ 79, 43.537,
313.768

■ 86, 28.724,
313.297

■ 93, 14.169,
312.839

Harmonies

Complementary

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



44, 122.025, 314.152



89, 112.455, 131.218

Rectangle

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



44, 122.025, 314.152



44, 122.025, 4.152



44, 122.025, 134.152



44, 122.025, 184.152

Sweetspot

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



44, 122.025, 314.153



79, 43.721, 313.770



49, 86.294, 292.035



39, 29.925, 313.969



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 122.025, 314.153



44, 122.392, 314.148



59, 107.799, 331.931



49, 8.102, 312.818



33, 98.435, 314.338



7, 44.671, 315.622

Inverse Universe

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



54, 84.720, 12.633



54, 84.976, 12.661



87, 117.889, 136.549



50, 5.994, 350.134



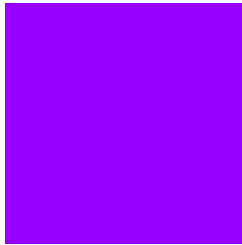
41, 68.306, 11.651



10, 31.304, 4.652

Previews

White Background



This preview shows how the CIELCh color 44, 122.025, 314.152 looks on a white background.

Color Contrast Check

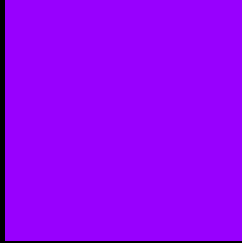
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 122.025, 314.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

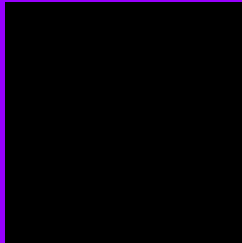
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 122.025, 314.152

Background



This preview shows how black text looks on a background with the CIELCh color 44, 122.025, 314.152.



This preview shows how white text looks on a background with the CIELCh color 44, 122.025, 314.152.

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

44, 122.025, 314.152

Protanopia

45, 66.942, 286.739

Deuteranopia

44, 47.335, 274.095



Tritanopia
44, 10.341, 353.371

Trichromacy



Original Color
44, 122.025, 314.152



Protanomaly
38, 97.583, 301.536



Deuteranomaly
37, 84.560, 299.748



Tritanomaly
40, 60.988, 318.440

Monochromacy



Original Color
44, 122.025, 314.152



Achromatopsia
31, 0.005, 296.813



Achromatomaly
31, 58.606, 315.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 122.025, 314.152 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(152, 0, 254)` looks like.

```
.text, #text, p{  
    color:rgb(152, 0, 254)  
}
```

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(152, 0, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 122.025, 314.152 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(152, 0, 254) }
```

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

```
.border{ border-color:rgb(152, 0, 254) }
```

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

Here you see how a box with a 4 pixel rgb(152, 0, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 254);  
box-shadow:4px 4px 4px 4px rgb(152, 0,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 122.025, 314.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 0, 254) }
```

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

```
.background{ background-color: rgb(152, 0,  
254) }
```

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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