

Converting Colors

CIELCh(43, 115.677, 315.541)

Have a look what the booklet for
CIELCh(43, 115.677, 315.541)
contains.

CIELCh(43, 115.713, 315.540)	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(43, 115.713, 315.540)

Conversions

Conversions Part 1

Format	Color
Hex	9B00F0
RGB	155, 0, 240
RGB Percent	61%, 0%, 94%
CMY	0.3940, 1.0000, 0.0606
CMYK	0.35, 1.00, 0.00, 0.06
HSL	279°, 100%, 47%
HSV	279°, 100%, 94%
XYZ	29.0756, 13.1578, 83.0980
YIQ	73.7050, 15.3400, 107.5000

Conversions

Conversions Part 2

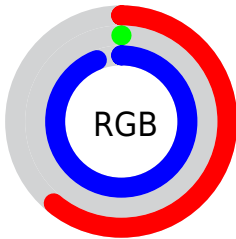
Format	Color
R _{YB}	155, 0, 240
Decimal	10158320
CIE Lab	43.00, 82.59, -81.05
CIE LCh	43, 115.713, 315.540
Yxy	13.1578, 0.2320, 0.1050
Android (android.graphics.Color)	4288348400 (0xFF9B00F0)
YUV	73.7050, 81.9834, 71.2957
Hunter-Lab	36.2736, 79.6001, -110.4339

Details

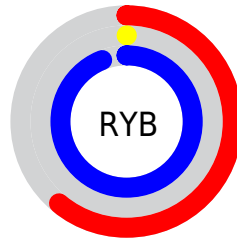
The CIELCh color **43, 115.713, 315.540** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **84, 108.893, 132.271**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 95.915, 320.364**, and **29, 96.627, 312.162** is the 20% darker color. If you saturate the color by 10%, you get **43, 115.566, 315.520**, and if you desaturate by 10%, it is **45, 111.721, 316.189**.

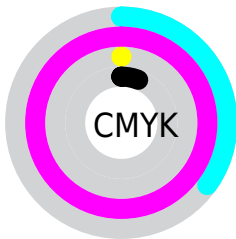
Distribution



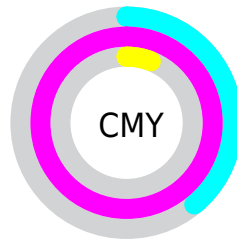
- Red (61%)
- Green (0%)
- Blue (94%)



- Red (61%)
- Yellow (0%)
- Blue (94%)



- Cyan (35%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)





- Cyan (39%)
- Magenta (100%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 115.713, 315.540 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 43, 115.713, 315.540 by changing the saturation by 10% instead.


 43, 115.713,
315.540


 43, 115.713,
315.540


 100, 115.713,
315.540


 33, 115.713,
315.540


 63, 115.713,
315.540


 23, 115.713,
315.540


 73, 115.713,
315.540


 13, 115.713,
315.540


 83, 115.713,
315.540

 3, 115.713,
315.540

 93, 115.713,
315.540


 0, 115.713,
315.540


 43, 115.713,


 43, 115.713,


315.540


315.540


 43, 115.566,
315.520


 45, 111.721,
316.189


 48, 104.921,
316.546


 52, 95.215,
316.601

 57, 83.353,
316.432

 63, 70.121,
316.117

 69, 56.159,
315.717

 75, 41.923,
315.275

 82, 27.712,
314.822

■ 88, 13.706,
314.375

Harmonies

Complementary

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



43, 115.713, 315.540



84, 108.893, 132.271

Rectangle

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



43, 115.713, 315.540



43, 115.713, 5.540



43, 115.713, 135.540



43, 115.713, 185.540

Sweetspot

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



43, 115.566, 315.520



79, 44.105, 315.280



43, 89.885, 295.268



39, 30.167, 315.469



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 115.566, 315.520



46, 121.194, 315.484



55, 99.131, 334.481



47, 7.787, 314.352



33, 94.557, 315.695



6, 40.051, 316.732

Inverse Universe

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



51, 82.100, 17.013



54, 86.145, 17.221



83, 111.134, 137.154



47, 5.544, 353.105



39, 67.009, 15.983



8, 28.762, 6.738

Previews

White Background



This preview shows how the CIELCh color 43, 115.713, 315.540 looks on a white background.

Color Contrast Check

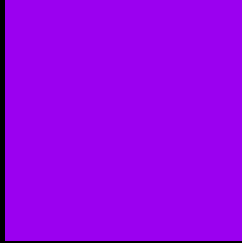
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 115.713, 315.540 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 43, 115.713, 315.540

Background



This preview shows how black text looks on a background with the CIELCh color 43, 115.713, 315.540.



This preview shows how white text looks on a background with the CIELCh color 43, 115.713, 315.540.

315.540.

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


43, 115.713, 315.540

Protanopia

44, 65.979, 286.724

Deuteranopia

44, 46.840, 274.205



Tritanopia
44, 15.074, 5.526

Trichromacy



Original Color
43, 115.713, 315.540

Protanomaly
37, 93.969, 301.469

Deuteranomaly
36, 81.970, 299.905

Tritanomaly
39, 58.654, 322.958

Monochromacy



Original Color
43, 115.713, 315.540

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 55.986, 316.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 115.713, 315.540 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(155, 0, 240)` looks like.

```
.text, #text, p{  
    color:rgb(155, 0, 240)  
}
```

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(155, 0, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 0, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 115.713, 315.540 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(155, 0, 240) }
```

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

```
.border{ border-color:rgb(155, 0, 240) }
```

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

Here you see how a box with a 4 pixel rgb(155, 0, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 0, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 0, 240);  
box-shadow:4px 4px 4px 4px rgb(155, 0,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 115.713, 315.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 0, 240) }
```

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

```
.background{ background-color: rgb(155, 0,  
240) }
```

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