

Converting Colors

CIELCh(43, 114.733, 307.956)

Have a look what the booklet for
CIELCh(43, 114.733, 307.956)
contains.

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Color

CIELCh(43, 114.223, 308.009)

Conversions

Conversions Part 1

Format	Color
Hex	7034FF
RGB	112, 52, 255
RGB Percent	44%, 20%, 100%
CMY	0.5600, 0.7955, 0.0000
CMYK	0.56, 0.80, 0.00, 0.00
HSL	258°, 100%, 60%
HSV	258°, 80%, 100%
XYZ	26.0174, 13.1578, 95.9149
YIQ	93.0820, -29.4030, 75.8530

Conversions

Conversions Part 2

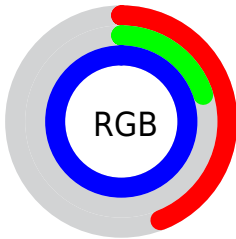
Format	Color
R _Y B	112, 52, 255
Decimal	7353599
CIE Lab	43.00, 70.34, -90.00
CIE LCh	43, 114.223, 308.009
Yxy	13.1578, 0.1926, 0.0974
Android (android.graphics.Color)	4285543679 (0xFF7034FF)
YUV	93.0820, 79.8256, 16.5911
Hunter-Lab	36.2736, 64.5508, -131.3834

Details

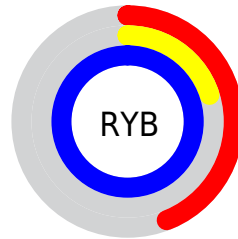
The CIELCh color **43, 114.223, 308.009** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **93, 93.342, 118.367**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 84.409, 311.238**, and **25, 109.260, 306.816** is the 20% darker color. If you saturate the color by 10%, you get **39, 124.100, 308.308**, and if you desaturate by 10%, it is **49, 101.143, 307.329**.

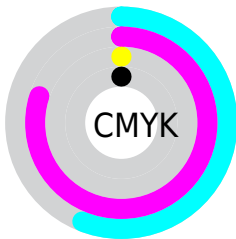
Distribution



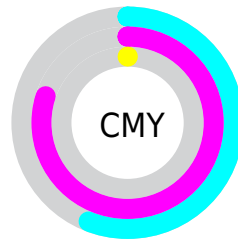
- Red (44%)
- Green (20%)
- Blue (100%)



- Red (44%)
- Yellow (20%)
- Blue (100%)



- Cyan (56%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (80%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 114.223, 308.009 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, 114.223, 308.009 by changing the saturation by 10% instead.


 43, 114.223,
308.009


 43, 114.223,
308.009


 100, 114.223,
308.009


 33, 114.223,
308.009


 63, 114.223,
308.009


 23, 114.223,
308.009


 73, 114.223,
308.009


 13, 114.223,
308.009


 83, 114.223,
308.009

 3, 114.223,
308.009

 93, 114.223,
308.009

 0, 114.223,
308.009

 43, 114.223,

 43, 114.223,

308.009

308.009

■ 39, 124.100,
308.308

■ 49, 101.143,
307.329

■ 36, 130.021,
308.110

■ 55, 86.531,
306.441

■ 35, 130.248,
308.100

■ 62, 71.334,
305.490

■ 70, 56.145,
304.560

■ 77, 41.262,
303.695

■ 85, 26.821,
302.916

■ 93, 12.869,
302.224

100, 0.012,
296.813

Harmonies

Complementary

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



43, 114.223, 308.009



93, 93.342, 118.367

Rectangle

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



43, 114.223, 308.009



43, 114.223, 358.009



43, 114.223, 128.009



43, 114.223, 178.009

Sweetspot

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



43, 114.146, 308.014



82, 33.194, 303.252



75, 43.028, 244.515



41, 22.947, 303.534



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, 114.146, 308.014



37, 127.744, 308.241



56, 108.764, 320.791



49, 7.664, 302.221



26, 104.694, 308.253



5, 44.746, 307.614

Inverse Universe

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



60, 88.569, 341.453



57, 92.209, 344.033



89, 106.908, 134.045



50, 7.361, 334.744



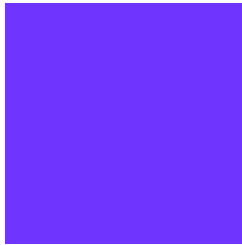
43, 74.508, 344.641



11, 35.100, 342.108

Previews

White Background



This preview shows how the CIE LCh color 43, 114.223, 308.009 looks on a white background.

Color Contrast Check

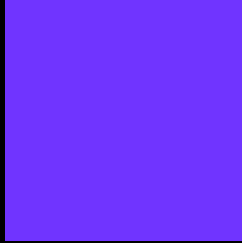
Large Text (above 18pt) WCAG AA ✓ Pass

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, 114.223, 308.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

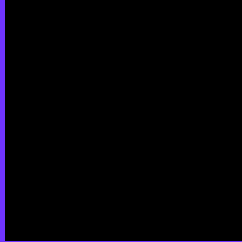
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 114.223, 308.009

Background



This preview shows how black text looks on a background with the CIELCh color 43, 114.223, 308.009.



This preview shows how white text looks on a background with the CIELCh color 43, 114.223, 308.009.

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, 114.223, 308.009

Protanopia

43, 65.082, 286.923

Deuteranopia

43, 44.799, 272.913



Tritanopia
43, 16.735, 216.783

Trichromacy



Original Color
43, 114.223, 308.009

Protanomaly
41, 84.892, 296.777

Deuteranomaly
40, 71.798, 293.513

Tritanomaly
40, 47.900, 294.223

Monochromacy



Original Color
43, 114.223, 308.009

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 45.871, 305.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 114.223, 308.009 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(112, 52, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 52, 255)  
}
```

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(112, 52, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 52, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 114.223, 308.009 is called "border". The border property can be set on classes, ids or directly on the HTML element.

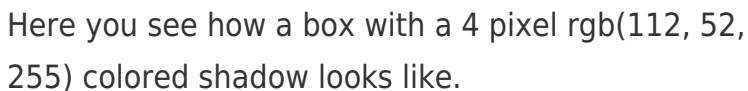
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 52, 255) }
```

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

```
.border{ border-color:rgb(112, 52, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 52, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 52, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 52, 255); box-shadow:4px 4px 4px 4px rgb(112, 52, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 114.223, 308.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 52, 255) }
```

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

```
.background{ background-color: rgb(112, 52,  
255) }
```

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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