

Converting Colors

CIELCh(43, 114.441, 308.376)

Have a look what the booklet for
CIELCh(43, 114.441, 308.376)
contains.

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Color

CIELCh(43, 114.436, 308.376)

Conversions

Conversions Part 1

Format	Color
Hex	7333FF
RGB	115, 51, 255
RGB Percent	45%, 20%, 100%
CMY	0.5504, 0.8013, 0.0013
CMYK	0.55, 0.80, 0.00, 0.00
HSL	259°, 100%, 60%
HSV	259°, 80%, 100%
XYZ	26.1878, 13.1578, 95.4872
YIQ	93.3920, -27.3400, 77.0120

Conversions

Conversions Part 2

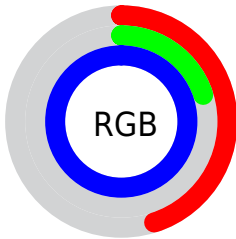
Format	Color
R _Y B	115, 51, 255
Decimal	7549951
CIE Lab	43.00, 71.04, -89.71
CIE LCh	43, 114.436, 308.376
Yxy	13.1578, 0.1942, 0.0976
Android (android.graphics.Color)	4285740031 (0xFF7333FF)
YUV	93.3920, 79.6727, 18.9502
Hunter-Lab	36.2736, 65.3894, -130.6843

Details

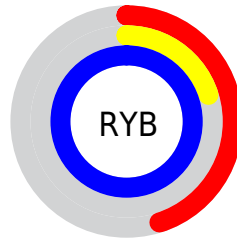
The CIELCh color **43, 114.436, 308.376** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **93, 94.040, 119.174**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 85.007, 311.751**, and **25, 108.865, 307.053** is the 20% darker color. If you saturate the color by 10%, you get **39, 124.062, 308.585**, and if you desaturate by 10%, it is **49, 101.697, 307.772**.

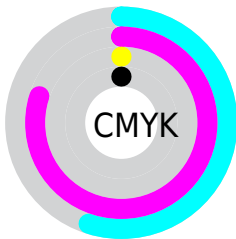
Distribution



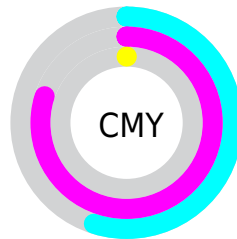
- Red (45%)
- Green (20%)
- Blue (100%)



- Red (45%)
- Yellow (20%)
- Blue (100%)



- Cyan (55%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (55%)
- Magenta (80%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 114.436, 308.376 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, 114.436, 308.376 by changing the saturation by 10% instead.


 43, 114.436,
308.376


 43, 114.436,
308.376


 100, 114.436,
308.376


 33, 114.436,
308.376


 63, 114.436,
308.376


 23, 114.436,
308.376


 73, 114.436,
308.376


 13, 114.436,
308.376


 83, 114.436,
308.376

 3, 114.436,
308.376

 93, 114.436,
308.376

 0, 114.436,
308.376

 43, 114.436,

 43, 114.436,

308.376

308.376

■ 39, 124.062,
308.585

■ 49, 101.697,
307.772

■ 36, 129.730,
308.326

■ 55, 87.254,
306.951

■ 62, 72.147,
306.052

■ 70, 56.991,
305.163

■ 77, 42.105,
304.330

■ 85, 27.639,
303.574

■ 92, 13.649,
302.900

100, 0.147,
301.881

100, 0.157,
109.673

Harmonies

Complementary

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



43, 114.436, 308.376



93, 94.040, 119.174

Rectangle

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



43, 114.436, 308.376



43, 114.436, 358.376



43, 114.436, 128.376



43, 114.436, 178.376

Sweetspot

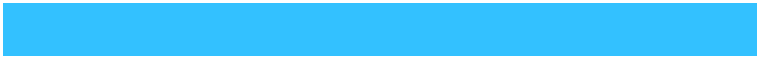
The Sweet Spot groups the original color and five complimentary colors.



43, 114.437, 308.377



82, 33.258, 303.859



74, 43.817, 247.689



41, 22.988, 304.131



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, 114.437, 308.377



37, 127.883, 308.455



56, 108.981, 321.318



49, 7.682, 302.863



26, 104.377, 308.484



5, 44.777, 308.028

Inverse Universe

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



59, 87.771, 342.581



57, 91.201, 345.504



89, 107.657, 134.348



50, 7.270, 335.469



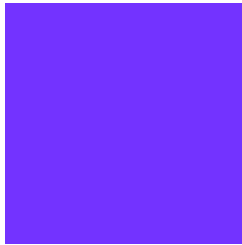
42, 73.688, 345.953



11, 34.733, 343.188

Previews

White Background



This preview shows how the CIELCh color 43, 114.436, 308.376 looks on a white background.

Color Contrast Check

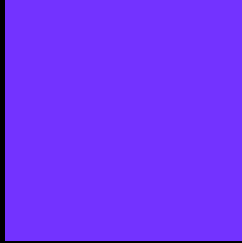
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 114.436, 308.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

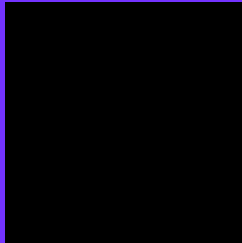
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 114.436, 308.376

Background



This preview shows how black text looks on a background with the CIELCh color 43, 114.436, 308.376.



This preview shows how white text looks on a background with the CIELCh color 43, 114.436, 308.376.

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, 114.436, 308.376

Tritanopia

43, 15.147, 219.053

Trichromacy



Original Color

43, 114.436, 308.376



Tritanomaly

40, 47.924, 295.857

Monochromacy



Original Color

43, 114.436, 308.376



Achromatopsia

39, 0.006, 296.813



Achromatomaly

39, 45.898, 305.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 114.436, 308.376 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(115, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 51, 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(115, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 51, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 114.436, 308.376 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(115, 51, 255) }
```

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

```
.border{ border-color:rgb(115, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 51, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 51, 255); box-shadow:4px 4px 4px 4px rgb(115, 51, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 114.436, 308.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 51, 255) }
```

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

```
.background{ background-color: rgb(115, 51,  
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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