

Converting Colors

CIELCh(43, 114.641, 308.085)

Have a look what the booklet for
CIELCh(43, 114.641, 308.085)
contains.

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Color

CIELCh(43, 114.159, 308.103)

Conversions

Conversions Part 1

Format	Color
Hex	7134FF
RGB	113, 52, 255
RGB Percent	44%, 20%, 100%
CMY	0.5574, 0.7966, 0.0005
CMYK	0.56, 0.80, 0.00, 0.00
HSL	258°, 100%, 60%
HSV	258°, 80%, 100%
XYZ	26.0434, 13.1578, 95.6662
YIQ	93.3810, -28.8070, 76.0650

Conversions

Conversions Part 2

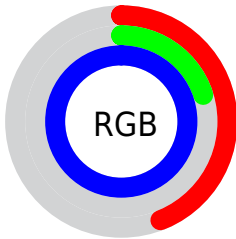
Format	Color
R _Y B	113, 52, 255
Decimal	7419135
CIE Lab	43.00, 70.44, -89.83
CIE LCh	43, 114.159, 308.103
Yxy	13.1578, 0.1931, 0.0976
Android (android.graphics.Color)	4285609215 (0xFF7134FF)
YUV	93.3810, 79.6782, 17.2059
Hunter-Lab	36.2736, 64.6787, -130.9768

Details

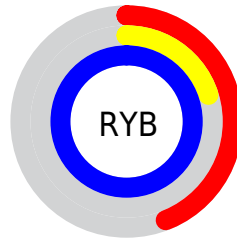
The CIELCh color **43, 114.159, 308.103** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **93, 93.478, 118.573**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 84.409, 311.238**, and **25, 109.154, 306.879** is the 20% darker color. If you saturate the color by 10%, you get **39, 124.045, 308.378**, and if you desaturate by 10%, it is **49, 101.215, 307.439**.

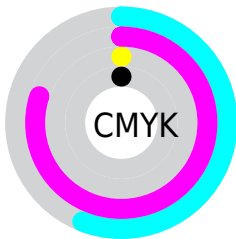
Distribution



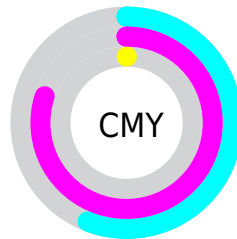
- Red (44%)
- Green (20%)
- Blue (100%)



- 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, 114.159, 308.103 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, 114.159, 308.103 by changing the saturation by 10% instead.


 43, 114.159,
308.103


 43, 114.159,
308.103


 100, 114.159,
308.103


 33, 114.159,
308.103


 63, 114.159,
308.103


 23, 114.159,
308.103


 73, 114.159,
308.103


 13, 114.159,
308.103


 83, 114.159,
308.103

 3, 114.159,
308.103

 93, 114.159,
308.103

 0, 114.159,
308.103

 43, 114.159,

 43, 114.159,

308.103

308.103

■ 39, 124.045,
308.378

■ 49, 101.215,
307.439

■ 36, 129.924,
308.164

■ 55, 86.643,
306.567

■ 36, 130.100,
308.156

■ 62, 71.470,
305.630

■ 70, 56.291,
304.710

■ 77, 41.412,
303.854

■ 85, 26.968,
303.081

■ 93, 13.010,
302.394

100, 0.054,
108.731

Harmonies

Complementary

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



43, 114.159, 308.103



93, 93.478, 118.573

Rectangle

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



43, 114.159, 308.103



43, 114.159, 358.103



43, 114.159, 128.103



43, 114.159, 178.103

Sweetspot

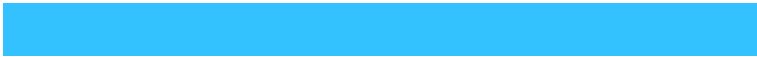
The Sweet Spot groups the original color and five complimentary colors.



43, 114.160, 308.104



82, 33.210, 303.407



74, 43.702, 247.501



41, 22.957, 303.686



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, 114.160, 308.104



37, 128.166, 308.271



56, 108.708, 321.325



49, 7.668, 302.385



26, 104.615, 308.310



5, 44.754, 307.719

Inverse Universe

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



59, 88.333, 341.730



57, 91.952, 344.550



89, 107.360, 134.354



50, 7.338, 334.927



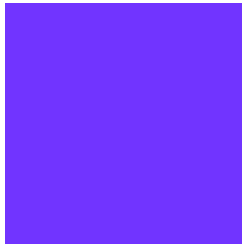
42, 74.294, 344.971



11, 35.005, 342.380

Previews

White Background



This preview shows how the CIE LCh color 43, 114.159, 308.103 looks on a white background.

Color Contrast Check

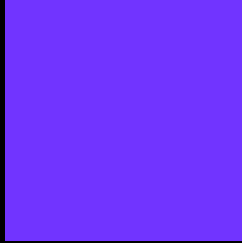
Large Text (above 18pt) WCAG AA ✓ Pass

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, 114.159, 308.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

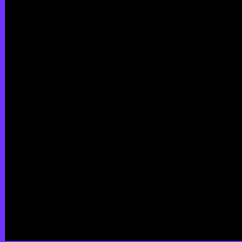
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 114.159, 308.103

Background



This preview shows how black text looks on a background with the CIELCh color 43, 114.159, 308.103.

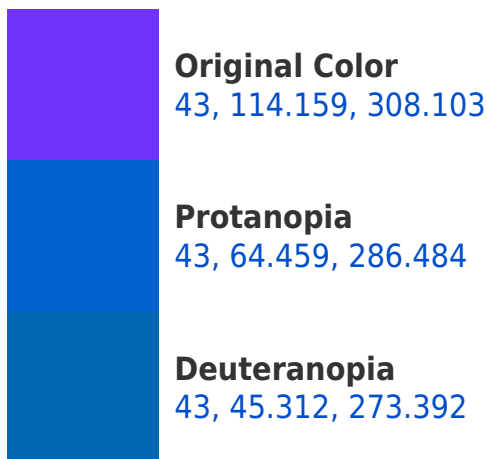


This preview shows how white text looks on a background with the CIELCh color 43, 114.159, 308.103.

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
43, 16.216, 217.468

Trichromacy



Original Color
43, 114.159, 308.103



Protanomaly
41, 84.892, 296.777



Deuteranomaly
40, 72.359, 293.645



Tritanomaly
40, 47.887, 294.533

Monochromacy



Original Color
43, 114.159, 308.103



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, 114.159, 308.103 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(113, 52, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 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(113, 52, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 52, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 114.159, 308.103 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(113, 52, 255) }
```

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

```
.border{ border-color:rgb(113, 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(113, 52, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 52, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 52, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 52,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 114.159, 308.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 52, 255) }
```

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

```
.background{ background-color: rgb(113, 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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