

Converting Colors

CIELCh(43, 113.484, 307.831)

Have a look what the booklet for
CIELCh(43, 113.484, 307.831)
contains.

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Color

CIELCh(43, 113.870, 307.829)

Conversions

Conversions Part 1

Format	Color
Hex	6F35FF
RGB	111, 53, 255
RGB Percent	44%, 21%, 100%
CMY	0.5644, 0.7920, 0.0000
CMYK	0.56, 0.79, 0.00, 0.00
HSL	257°, 100%, 60%
HSV	257°, 79%, 100%
XYZ	25.8974, 13.1578, 95.8275
YIQ	93.3700, -30.2740, 75.1180

Conversions

Conversions Part 2

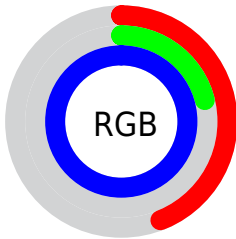
Format	Color
R _Y B	111, 53, 255
Decimal	7288319
CIE Lab	43.00, 69.84, -89.94
CIE LCh	43, 113.870, 307.829
Yxy	13.1578, 0.1920, 0.0975
Android (android.graphics.Color)	4285478399 (0xFF6F35FF)
YUV	93.3700, 79.6836, 15.4615
Hunter-Lab	36.2736, 63.9606, -131.2405

Details

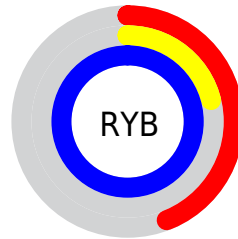
The CIELCh color **43, 113.870, 307.829** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **93, 92.904, 117.963**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 83.823, 310.916**, and **24, 109.407, 306.730** is the 20% darker color. If you saturate the color by 10%, you get **38, 123.984, 308.173**, and if you desaturate by 10%, it is **49, 100.705, 307.105**.

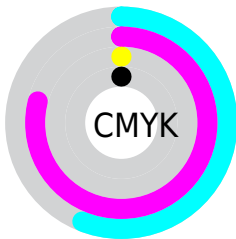
Distribution



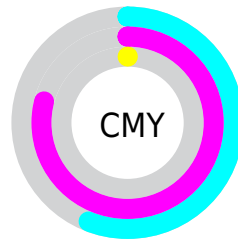
- Red (44%)
- Green (21%)
- Blue (100%)



- Red (44%)
- Yellow (21%)
- Blue (100%)



- Cyan (56%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (79%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 113.870, 307.829 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, 113.870, 307.829 by changing the saturation by 10% instead.


 43, 113.870,
307.829


 43, 113.870,
307.829


 100, 113.870,
307.829


 33, 113.870,
307.829


 63, 113.870,
307.829


 23, 113.870,
307.829


 73, 113.870,
307.829


 13, 113.870,
307.829

 83, 113.870,
307.829

 3, 113.870,
307.829

 93, 113.870,
307.829

 0, 113.870,
307.829

 43, 113.870,

 43, 113.870,

307.829

307.829

■ 38, 123.984,
308.173

■ 49, 100.705,
307.105

■ 35, 130.031,
308.010

■ 55, 86.013,
306.182

■ 35, 130.434,
307.995

■ 63, 70.780,
305.204

■ 70, 55.586,
304.254

■ 78, 40.717,
303.375

■ 85, 26.300,
302.584

■ 93, 12.377,
301.883

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, 113.870, 307.829



93, 92.904, 117.963

Rectangle

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



43, 113.870, 307.829



43, 113.870, 357.829



43, 113.870, 127.829



43, 113.870, 177.829

Sweetspot

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



43, 113.845, 307.831



82, 33.164, 302.952



75, 42.926, 244.375



41, 22.927, 303.239



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, 113.845, 307.831



37, 127.925, 308.123



56, 108.492, 320.796



49, 7.655, 301.904



26, 104.846, 308.144



5, 44.730, 307.413

Inverse Universe

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



60, 88.889, 340.902



57, 92.726, 343.426



89, 106.621, 134.048



50, 7.407, 334.393



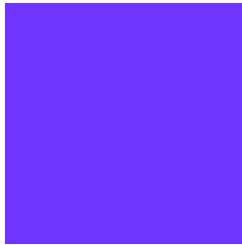
43, 74.928, 344.009



11, 35.286, 341.587

Previews

White Background



This preview shows how the CIELCh color 43, 113.870, 307.829 looks on a white background.

Color Contrast Check

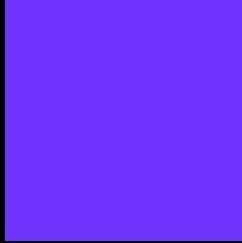
Large Text (above 18pt) WCAG AA ✓ Pass

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, 113.870, 307.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

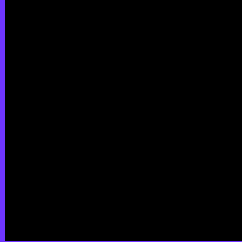
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 113.870, 307.829

Background



This preview shows how black text looks on a background with the CIELCh color 43, 113.870, 307.829.



This preview shows how white text looks on a background with the CIELCh color 43, 113.870, 307.829.

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, 113.870, 307.829

Protanopia

43, 65.082, 286.923

Deuteranopia

43, 44.799, 272.913



Tritanopia
43, 17.242, 216.152

Trichromacy



Original Color
43, 113.870, 307.829

Protanomaly
41, 84.908, 296.715

Deuteranomaly
40, 71.813, 293.428

Tritanomaly
40, 47.929, 293.613

Monochromacy



Original Color
43, 113.870, 307.829

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, 113.870, 307.829 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(111, 53, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 53, 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(111, 53, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 53, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 113.870, 307.829 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(111, 53, 255) }
```

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

```
.border{ border-color:rgb(111, 53, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 53, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 53, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 53, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 53,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 113.870, 307.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 53, 255) }
```

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

```
.background{ background-color: rgb(111, 53,  
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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